

MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

MET.0.921

UDC 551 506 1 (41-4)

MARCH

1978

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NUMBER 3

Changeable: mild first two weeks, windy second half of month.

Fronts and depressions associated with a low-pressure area over the Atlantic affected the British Isles at the beginning of the month, but an anticyclone which developed to the west of Ireland on the 3rd drifted east, then south-east, across Britain between the 4th and the 7th. Alternating fronts and ridges then moved eastwards across all areas. A deep depression crossed Scotland between the 14th and the 16th, while frontal troughs affected parts of England and Wales, but the low-pressure area over the British Isles was displaced by a ridge of high pressure from the west on the 17th. The ridge was short-lived, however, as vigorous Atlantic depressions maintained a succession of fronts, which crossed all areas between the 19th and the end of the month.

Weather

The first half of March was mostly mild. There were outbreaks of rain, but also sunny periods, and scattered snow and sleet showers were confined to northern areas. Fog became widespread in England and Wales on the night of the 3rd/4th and affected the coasts and hills of western and northern Britain at times between the 7th and the 10th. Many areas had very mild weather during the second week, but it became colder around mid-month and snow or sleet fell in most districts on the night of the 15th/16th. The second half of the month was windy, with further outbreaks of rain, wintry showers and occasional thunderstorms. There were also sunny intervals and it became milder during the last few days.

Wind

Wind speeds were very variable during the first half of the month; they were light at times, but occasionally reached gale force on exposed northern and western coasts. Directions also were rather variable during the first week, but were mostly south to south-west in the second. The latter half of the month was generally windier, and gales became more frequent, particularly in the west and north. The gales were severe in places and most stations recorded their maximum gusts for the month during the last two weeks. Gusts of at least 60 kt were reported on several days and the high-level station at Snaefell (Isle of Man) had a gust of 98 kt on the 15th. Directions were mostly west to north-west from around mid-month until the 26th, and then became mainly south-west.

Temperature

Monthly mean temperatures were generally near to or above average. Values were mostly between 1.0 and 1.5 °C above the normal over the central and north Midlands, in eastern England from north Kent and the lower Thames Valley to the Tyne, and in places in eastern Scotland, and were between around 0 and 1.0 °C above average in most remaining districts. The first half of the month was mainly mild, although the night of the 4th/5th was very cold in some areas, temperatures falling to around -7 °C at a few places in southern Scotland and North Wales and to -7 °C at Moor House in the northern Pennines. Many parts became very mild during the second week, particularly on the 10th,

when the temperature reached 18.3 °C at Hope (Powys) near the Welsh border: maxima also exceeded 18 °C at one or two places in central England. Colder weather reached most areas by the 16th, but it became milder towards the end of the month.

Rainfall (including melted snow)

Rainfall was below average along the coastal strip of Cardigan Bay, in parts of North Wales and north-east England, in extreme south-east England and over much of the central Midlands. Monthly totals were above average in all other areas, exceeding 200 per cent of the normal in Jersey, on Bodmin Moor in Cornwall, in parts of north-west England, Northern Ireland and the Central Highlands of Scotland, and over a large part of western Scotland. A number of places in Scotland had their wettest March on record, although daily totals were not exceptional there. Rain or showers fell in many areas during the first few days, but the weather then became dry over most of England and Wales, while Scotland and Northern Ireland had rain at times. Rain reached all districts on the 8th and the second week was generally unsettled. Further outbreaks of rain or showers occurred during the latter half of the month; some of the showers were wintry and there were thunderstorms in places.

Snow

Scattered showers of snow or sleet fell in parts of Scotland during the first week, but snowfall became more widespread around mid-month. A belt of snow spread across South Wales and central and southern England on the 15th/16th and several road accidents occurred, one in the Midlands resulting in loss of life. Roads in northern areas were also affected by snow for a time. Snow and sleet showers continued to occur during the second half of the month, mostly in northern districts, but occasionally in the south. Wintry showers became less frequent

during the last few days. The snow did not lie for long on low ground, but the upper slopes of the Scottish mountains were snow-covered throughout the month. Deep drifts were observed at the high-level station at Snaefell (Isle of Man) on the 21st and during the next few days.

Sunshine

Sunshine totals were above average in south-eastern parts of Northern Ireland, in Shetland and Orkney, along eastern coasts of Great Britain from the north of Scotland to East Anglia, over central England, and in parts of southern England and North Wales. Monthly totals exceeded 125 per cent of the normal in parts of the Midlands and north-east England. Sunshine was mostly below average elsewhere, with totals generally near the normal, although not much more than half the average was recorded at the western end of the Great Glen in Scotland. Sunny periods occurred in most areas from time to time throughout the month and sunshine was prolonged in the west and north on the 4th, in England and Wales over the next few days, and in some districts during the last week.

Fog

Patches of overnight fog in inland areas mostly occurred during the first half of the month and generally cleared quickly, but fog developed widely over England and Wales on the night of the 3rd/4th. The fog became dense in eastern areas and was slow to clear in places. Fog formed extensively at times on coasts and hills in the west and north between the 7th and the 10th and also affected the English Channel area. Patches of fog occasionally formed over hills during the second half of the month and coastal fog continued to develop from time to time in the south-west.

Miscellaneous Phenomena

Nil

Table 1 District values

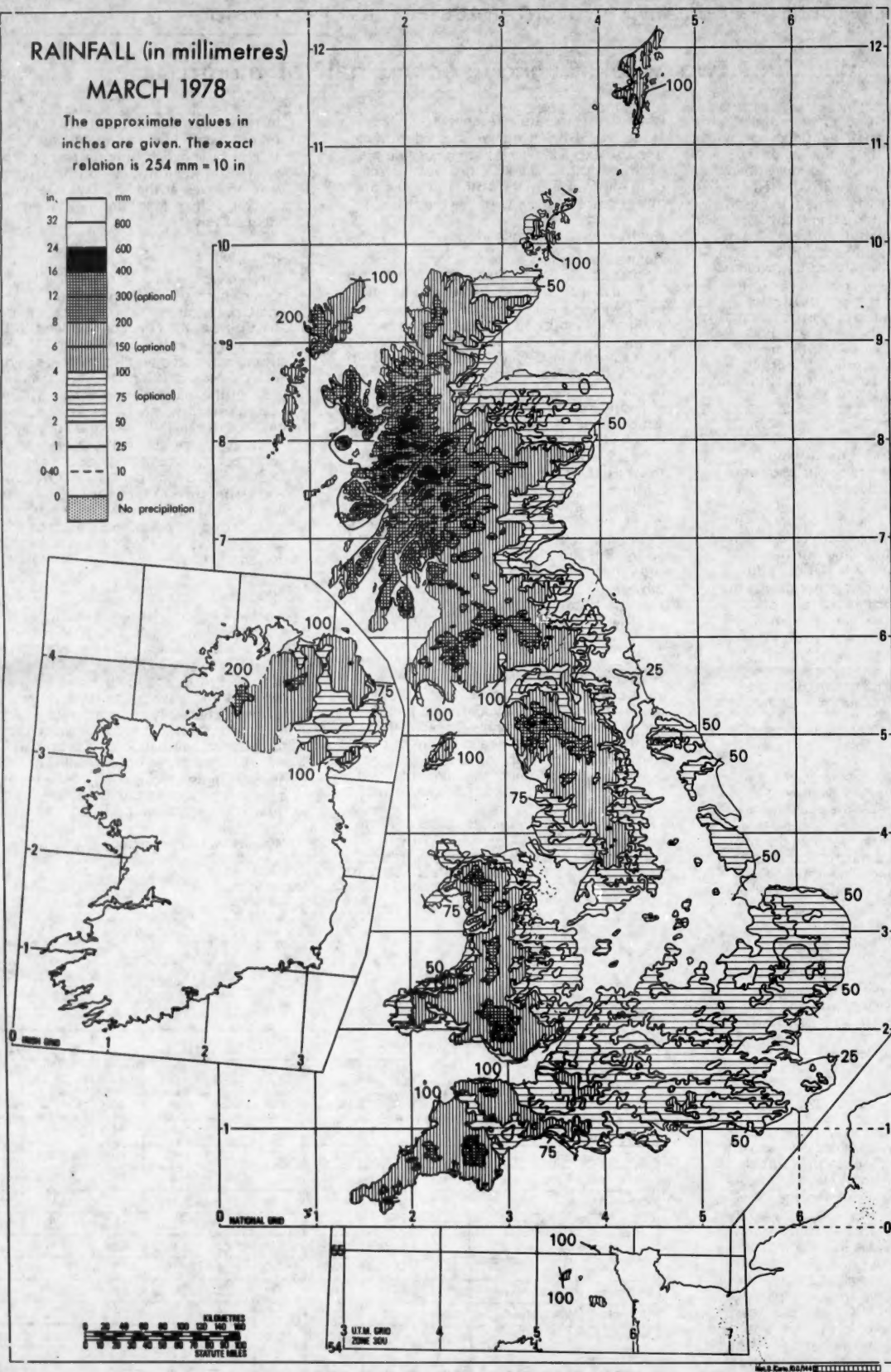
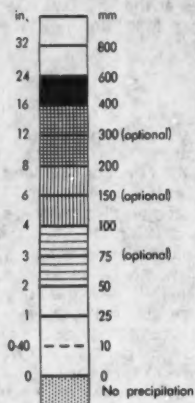
District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest Max *	Lowest Min *	max.	min.	mean				
			difference from average						
0 Scotland N	13.2	-3.4	0.0	+0.2	+0.2	-0.2	+7	185	97
1 Scotland E	14.5	-7.0	+0.8	+1.0	+0.9	+0.7	+6	155	107
2 England E & NE	16.7	-5.0	+1.4	+1.1	+1.2	+1.0	+7	115	113
3 East Anglia	18.1	-2.7	+1.5	+1.1	+1.3	+0.9	+7	141	105
4 Midland Counties	18.1	-4.8	+1.2	+1.1	+1.2	+0.8	+6	120	120
5 England SE & Central S	17.5	-3.0	+0.9	+1.0	+0.9	+0.8	+6	124	95
6 Scotland W	13.4	-7.0	0.0	+1.0	+0.5	+0.5	+9	210	79
7 England NW & Wales N	15.2	-4.0	+0.2	+1.3	+0.8	+0.2	+6	158	99
8 England SW & Wales S	16.5	-2.7	+0.4	+0.8	+0.6	+0.6	+9	160	92
N Ireland	13.6	-3.4	-0.2	+0.4	+0.1	+0.3	+8	163	98
Scotland	14.5	-7.0	+0.3	+0.7	+0.5	+0.3	+7	183	94
England & Wales	18.1	-5.0	+0.9	+1.1	+1.0	+0.7	+7	136	104

*Highest maximum and lowest minimum of District Value Stations.

RAINFALL (in millimetres)

MARCH 1978

The approximate values in inches are given. The exact relation is $254 \text{ mm} = 10 \text{ in}$



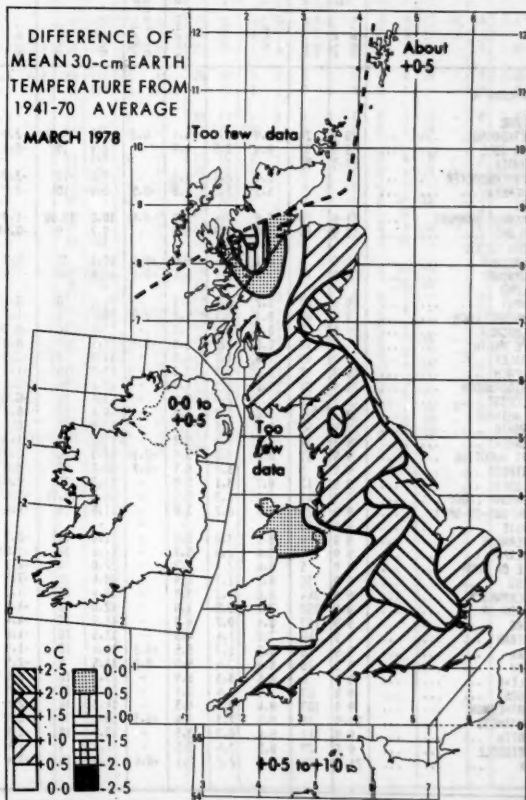
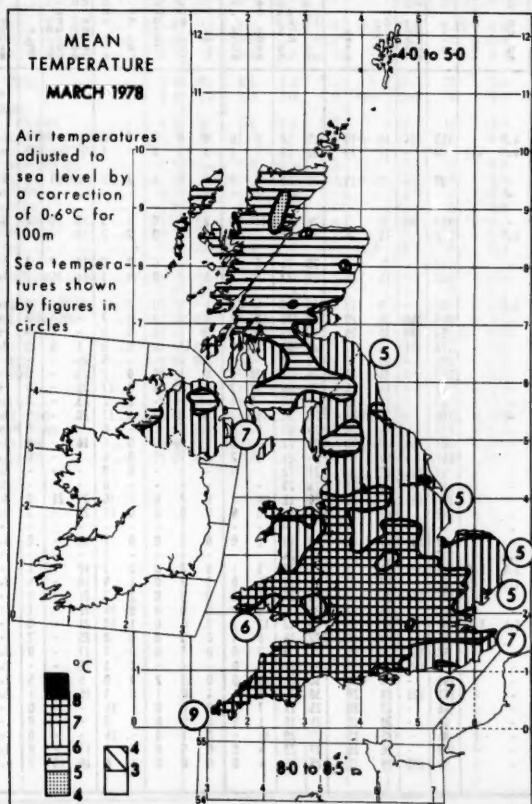
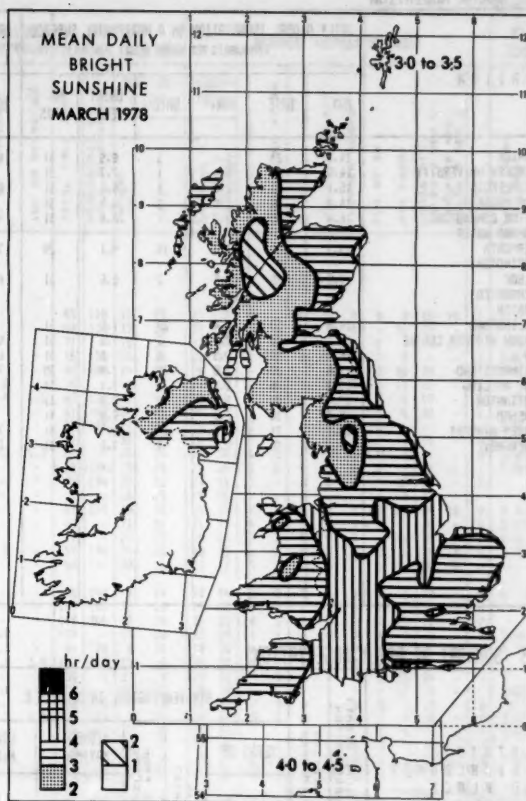
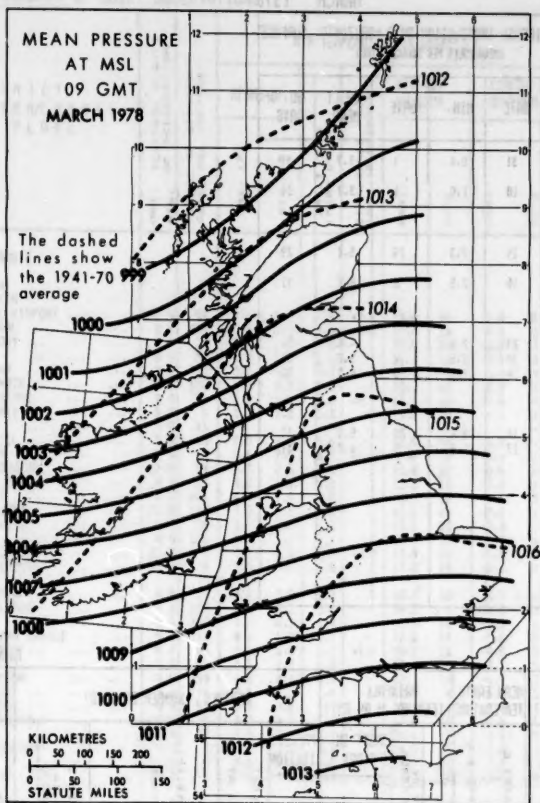


TABLE 2 SOLAR RADIATION

MARCH 1978

STATION	DAILY GLOBAL IRRADIATION ON A HORIZONTAL SURFACE (MEGAJOULES PER SQUARE METRE)						DAILY DIFFUSE IRRADIATION ON A HORIZONTAL SURFACE (MEGAJOULES PER SQUARE METRE)					
	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS
LERWICK	14.1	23	0.4	1	6.9	31	6.5	31	0.4	1	3.7	31
ABERDEEN UNIVERSITY	14.6	29	1.4	1	7.7	31						
FSKOLENUIR	16.1	21	1.0	1	6.0	31	6.3	10	1.0	1	3.7	31
MODR HOUSE	14.8	24	1.0	2	6.5	31						
SUTTON BOWINGTON	16.4	30	2.2	1	8.4	31						
GRAPPAH WATER												
ABERPORTH	15.7	30	2.3	19	9.1	29	7.4	24	2.3	19	5.1	29
CARDINGTON												
SILSOE	17.3	30	3.5	2	8.6	31	8.0	16	2.5	6	5.2	31
ROTHAMETED												
GRASTON												
HALLINGFORD	14.6	30	2.4	28	7.6	31						
LONDON WEATHER CENTRE	16.1	30	2.4	2	7.8	31	6.5	29	2.4	2	4.8	31
KEN	16.3	30	2.5	2	7.8	31	6.8	30	2.5	2	5.0	31
ERSTAMPSTEAD	17.6	30	2.8	2	7.9	30	7.1	24	2.6	6	4.8	30
EAST WALLING	13.3	6	2.4	8	7.7	31						
RUSTINGTON	17.4	30	1.4	2	9.8	31						
WAREHAM	10.3	30	2.3	2	9.6	31						
JERSEY AIRPORT	19.1	21	2.5	27	9.6	31	7.3	14	2.4	20	5.0	31
ALDERGROVE	14.2	30	1.8	7	7.8	31	6.7	17	1.8	7	4.7	31

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

MARCH 1978

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL NIGHT'S MIN. OF OBSERVATION HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C										MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE							
		MEANS OF		DAILY MEAN (MEAN OF A-B)	DIFFERENCE FROM 1961-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		50 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1961-70 AVERAGE	MOST IN A DAY	PRECIP- ITATION	SHOW OR SLEET	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	WIND MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1961-70 AVERAGE	EXPOSURE						
		MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE																								
D SCOTLAND N																																	
SHEPHERD																																	
BALTRAND	9 9	24	6.9	1.4	4.1	-0.1	9.5	9.31	-2.3	6	4.2	112	124	16	19	25	18	6	0	0	0	0	10	11	4	2.78	100	-	-	-	-		
FAIR ISLE	9 9	57	6.4	3.5	4.9	-	8.4	10	-0.6	17	4.7	4.9	78	12	19	22	18	7	1	3	0	0	1	11	4	4.04	-	-	-	-	-		
PSYCHROMETER	21-9	82	6.4	2.6	4.5	-	9.2	10	-2.8	17	-	-	89	-	15	19	22	16	9	0	6	1	2	5	12	11	2	3.50	125	-	-	-	
SCREEN			6.3	2.2	4.3	+0.5	8.9	10	-2.2	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ORKNEY																																	
KIRKALL AIRPORT	21-9	26	7.8	2.4	5.1	+0.4	10.0	10.30	-1.0	5	-	-	110	148	15	7	26	18	11	0	2	6	0	1	3	12	12	2	3.60	113	-	-	
MEYLAND	9 9	24	7.6	2.9	5.3	-	9.7	9	-0.4	26	4.7	-	112	-	15	24	20	18	7	0	0	0	0	2	15	4	-	-	-	-	-	-	
WESTERN ISLES																																	
BENECULA	21-9	6	8.1	3.9	6.0	+0.1	10.3	31	0.0	17	-	-	173	-	21	7	28	25	3	0	1	7	0	0	10	7	3	3.14	86	-	-	-	
STORMHAY	21-9	15	7.8	3.1	5.5	-0.1	10.4	10	-1.4	5	-	-	142	-	15	19	29	27	7	0	3	7	0	0	3	11	10	3	3.00	86	-	-	-
HIGHLAND																																	
ACHARY	9 9	107	8.2	0.4	4.3	-	11.9	10	-3.2	23	3.5	-	83	-	9	15	28	20	4	1	1	0	0	0	13	23	-	0	2.95	-	-	-	
ACHWASHLEACH	9 9	67	8.3	1.7	5.0	0.0	13.2	10	-1.7	5	-	-	269	168	36	28	30	25	10	2	2	0	0	0	7	-	-	0	1	-	-	-	
BALNACRA	9 9	4	8.5	3.3	5.9	-	11.7	10	-0.8	5	-	-	256	239	30	28	28	25	3	0	0	1	0	0	1	-	-	0	1	-	-	-	
CAPE WATH	21-9	112	6.8	3.2	5.0	-0.1	11.5	10	0.0	16.17	-	-	118	151	19	7	27	23	5	0	2	11	0	0	0	1	6	5	2.73	-	-	-	
CASSLEY	9 9	99	7.8	1.2	4.5	-	11.0	9	-3.0	1	-	-	185	-	20	7	29	22	-	0	-	-	-	-	5	24	-	-	-	-	-	-	
CORPACH	9 9	8	8.3	2.3	5.3	-	13.5	10	-1.8	5	-	-	283	-	26	29	24	22	2	0	-	-	-	-	15	-	-	-	-	-	-	-	
CRAIGROACH	9 9	38	9.2	0.3	4.7	-	15.2	10	-3.6	5	-	-	93	-	14	14	26	20	7	2	0	0	0	0	17	22	-	-	-	-	-	-	
DALCROSS	9 9	11	8.7	2.3	5.5	-	13.4	10	-0.7	31	-	-	63	-	19	15	22	14	-	0	-	-	-	-	0	-	-	-	-	-	-	-	
DALWHINIE	9 9	351	5.8	0.2	3.0	-	10.4	10	-6.0	5	-	-	208	-	26	29	26	26	15	7	0	0	0	1	15	20	-	0	1.79	-	-	-	
DIBRIG	9 9	60	8.6	3.3	5.9	-	12.5	10	0.1	21	-	-	156	-	19	28	29	24	9	0	0	5	1	0	0	-	-	-	-	-	-	-	
DOUNREAY	9 9	21	8.6	1.8	5.2	-	11.5	28	-1.7	23	-	-	83	134	20	15	24	21	5	0	1	0	0	0	6	16	-	0	3.23	-	-	-	
FORT AUGUSTUS	9 9	21	8.2	1.8	5.0	-0.1	12.9	10	-3.0	5	-	-	167	-	17	19	24	21	8	2	2	1	1	0	6	-	-	0	1.79	62	-	-	
FORTRAE	9 9	5	7.8	3.1	5.5	+0.2	10.5	10	0.0	17	-	-	57	155	15	14	20	21	-	0	-	-	-	-	-	-	-	-	-	3.15	94	-	
GEISDEIL	9 9	12	8.7	3.1	5.9	-	11.3	31	0.0	17.21.24	-	-	124	-	14	20	26	23	-	0	-	-	-	-	-	-	-	-	-	-	-	-	
GLENNORE LODGE	9 9	341	7.2	-0.2	3.5	-	11.3	10-11	-5.0	5	-	-	125	183	22	15	26	16	14	7	0	2	0	1	16	24	21	0	5.19	-	-	-	
GRANTOWN-ON-SPEY	9 9	229	7.4	0.2	3.8	-	11.8	10	-4.4	31	-	-	60	-	17	15	21	14	10	8	0	0	0	0	17	26	-	0	3.52	-	-	-	
HERASTE	9 9	109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
INVERNESS	9 9	4	8.7	3.0	5.9	-	11.8	10	-0.7	6	-	-	67	182	17	14	18	13	2	0	0	1	0	0	1	13	-	0	3.33	-	-	-	-
INVERPOLLY	9 9	14	8.6	2.9	5.7	-	11.6	31	-1.0	17	5.0	-	127	-	15	24	27	24	-	0	-	-	-	-	2	-	-	-	-	-	-	-	
ISLE OF RHUM	9 9	5	8.6	2.7	5.7	-	12.0	10	-2.3	18	5.6	5.8	414	259	51	7	26	25	3	1	0	2	0	0	3	18	-	1	-	-	-	-	
KEISS	9 9	30	8.2	1.7	4.9	-	10.8	10	-2.5	21	4.5	4.5	74	-	12	15	24	17	14	0	0	0	0	1	9	21	-	0	3.93	-	-	-	
KNOCKAROCK	9 9	24	6.6	1.3	3.9	-	10.4	10	-1.7	21	-	-	175	117	24	7	28	26	14	6	0	0	0	0	2	7	21	-	0	-	-	-	
LAGGANLIR	9 9	250	7.2	0.5	3.9	-	12.0	10	-4.4	5	-	-	110	-	15	27	26	22	9	7	0	0	0	0	14	22	-	0	1	-	-	-	
LAIRG	9 9	107	8.4	0.2	4.3	-	11.9	10	-4.4	23	3.4	3.8	91	-	11	15	29	22	12	1	3	0	0	0	13	21	-	0	-	-	-	-	
LENTWAIN	9 9	146	7.8	1.4	4.6	-	13.5	10	-1.6	31	-	-	93	-	19	14	22	14	8	4	0	3	0	0	8	25	-	0	2	-	-	-	
MAIRN	9 9	6	9.2	1.7	5.5	+0.3	14.4	10	-1.9	31	-	-	53	162	26	15	21	8	7	0	0	0	0	0	7	17	-	0	3.92	109	-	-	
ONICH	9 9	15	8.5	2.4	5.5	0.0	11.5	8	-2.5	5	-	-	277	195	24	7	24	24	-	0	-	-	-	-	3	16	-	0	1.68	56	5	-	
POLBOWE	9 9	6	8.5	3.3	5.9	-	13.4	10	-2.5	21	-	-	191	-	24	20	30	26	10	0	0	0	0	0	0	19	21	-	0	2.75	-	-	-
PRABOST	9 9	6	7.9	2.4	5.1	-	11.4	10	-1.7	21	-	-	151	122	19	20	30	26	3	0	0	0	0	0	16	-	-	0	1	2.63	-	-	-
STARATHDON	9 9	107	8.4	0.6	4.5	-	14.3	10	-2.5	31	-	-	146	-	17	20	25	22	7	0													

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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MARCH 1978

DISTRICT REGION/COUNTY AND PLACE		MAX. TEMPERATURE MIN. OF OBSERVATION HEIGHT OF STATION ABOVE MSL (FEET)	AIR TEMPERATURE IN DEGREES C						MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE						
			MEANS OF		DAILY MEAN (MEAN OF 24 H)	DIFFERENCE FROM 1941-75 AVERAGE	HIGHEST MAXIMUM	LOWEST MINIMUM	30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-75 AVERAGE	HOURS IN A DAY	PRECIPITATION 0.2 MM OR MORE	SHON OR SLEET 1.0 MM OR MORE	SHON LYING AT 9H	MAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DRY	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-75 AVERAGE	REMARKS		
			MAX. (A)	MIN. (B)																									
1 SCOTLAND E																													
GRAMPIAN																													
ABERDEEN																													
OYCE AIRPORT ... 21-9 58 8.8 2.0 5.4 +0.9 13.6 10 -1.0 26 - - - 59 118 12 15 21 13 7 1 0																													

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

MARCH 1978

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HEIGHT MIN. OF STATION HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE																			
		MEANS OF		DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		50 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY		PRECIPITATION ON MORE ON MORE ON MORE	SNOW OR SLEET ON MORE ON MORE ON MORE	SNOW LYING AT 0H	HAIL	ICE PELLETS-ETC.	THUNDER HEARD	FOG AT 0H	AIR FROST	DRIZZLE MIN. C CONCRETE MIN. BELONG D. DEG C	DRIZZLE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE EXPOSURE																	
		MAX. (A)	MIN. (B)										DATE	DATE																													
6 SCOTLAND W																																											
STRAITHCLYDE																																											
ACHALACHACH	9 9	12	8.9	2.9	5.9	-	11.0	10	-2.5	5	-	-	215	205	23	6	24	24	-	0	0	0	0	12	-	-																	
AROS	9 9	37	8.5	2.8	5.7	-	11.0	10	-2.4	5	-	-	262	26	6	6	28	26	-	0	0	0	0	14	-	-																	
AUCHINCUIVE	9 9	45	9.0	3.5	6.3	+0.0	13.4	10	-2.1	5	5.5	5.6	126	247	14	19	24	19	-	0	0	0	0	12	-	-	2.67																
BENMORE (YOUNGER)																																											
BOTANIC GARDEN	9 9	12	8.3	2.8	5.5	-	10.7	8	-2.4	5	4.8	-	297	192	29	19	26	23	0	0	0	0	14	-	-	0																	
BRODICK CASTLE	9 9	15	9.0	3.5	6.3	-	12.7	10	-1.5	5	6.5	-	273	237	35	19	25	24	4	0	2	1	1	0	0	10	-	-	0														
CRAIGS RESERVOIR	9 9	295	6.4	0.8	3.6	-	9.5	10	-5.3	5	-	-	167	226	27	19	27	26	12	0	0	0	0	5	11	-	-	3	2.40														
CRAIRATH	9 9	208	7.6	0.9	4.3	-	11.5	10	-7.0	5	4.2	-	111	231	15	19	26	21	12	4	6	3	1	0	10	18	15	6	-														
CORTBRIDGE	9 9	66	8.5	2.3	5.4	-	11.5	10	-3.5	5	-	-	102	203	11	19	23	19	-	-	-	-	-	-	-	-	-	-	-														
COLONSAY	9 9	35	8.3	3.7	6.0	-	10.5	10	-0.5	5	-	-	177	-	24	28	29	23	3	0	0	0	6	0	0	2	9	-	4	-													
CRAIGHOUSE	9 9	4	8.5	3.3	5.9	-	11.6	10	-0.9	5	-	-	251	-	39	6	25	22	5	0	0	0	2	9	-	-	-	-	-														
CRAWFORD JOHN	9 9	274	6.9	1.1	4.0	-	11.2	10	-6.0	5	3.9	-	-	-	-	-	10	5	0	0	0	0	1	7	10	16	16	-	-	2.49													
CUMOCK	9 9	99	8.6	2.3	5.5	-	12.3	10	-3.1	5	5.2	-	176	-	23	19	25	22	4	1	0	0	0	7	10	-	-	-	-	2.53													
DUNSTAFFRAE	9 9	9	8.4	3.5	5.9	-	11.2	10	-1.4	5	-	-	205	-	21	7	26	23	2	0	0	0	4	0	-	-	-	-	-	-													
EAST KILBRIDE	9 9	178	8.0	2.4	5.2	-	12.1	10	-2.9	5	-	-	146	-	24	19	24	20	5	2	0	0	0	15	-	-	-	-	-	3.35													
GIRVAN	9 9	8	9.4	4.2	6.8	-	12.3	11	-0.7	5	-	-	107	177	11	7	21	19	0	0	0	0	2	4	-	-	-	-	-	2.95													
GLASGOW																																											
ABBOTSLINCH AIRPORT	21-9	5	9.1	3.2	6.1	+0.6	11.6	10	-4.4	5	-	-	153	-	16	19	25	21	10	0	1	7	1	0	7	14	11	0	3.05	100													
SPRINGBURN PARK	9 9	107	8.0	2.5	5.3	+0.4	10.6	8.10	-2.1	5	-	-	135	214	13	19	27	23	9	1	0	3	2	3	4	16	-	-	0	2.76													
WEATHER CENTRE (X)	21-9	40	8.8	4.6	6.7	-	12.0	10	0.2	5	-	-	103	-	11	19	24	21	7	-	1	3	1	0	0	-	-	-	-	0	2.87												
GREENOCK	9 9	61	-	-	-	-	-	-	-	-	-	-	226	222	25	19	22	22	-	-	-	-	-	-	-	-	-	-	-	-													
HELENSBURGH	9 9	96	7.8	2.2	5.0	+0.2	10.2	10	-2.4	5	-	-	182	190	18	13	25	22	-	2	-	-	-	-	-	-	-	-	-	-	2.63												
HUNTERSTON	9 9	8	8.6	3.7	6.1	-	11.2	11	-0.9	5	-	-	141	-	13	19	23	22	4	0	0	3	0	0	1	-	-	-	-	-	3												
KILDRUM	9 9	18	8.1	3.0	5.5	-	10.5	8	-1.0	5	-	-	171	-	16	22	25	21	6	-	1	3	0	0	4	8	6	3	3.07	-													
KINFAIRIE FOREST	9 9	12	8.7	2.9	5.8	-	11.2	9	-4.0	5	-	-	217	-	28	13	27	23	1	0	0	1	1	0	3	11	-	-	-	-	-												
LEARNHILLS	9 9	388	5.7	0.7	3.2	-	9.9	10	-5.3	5	-	-	277	277	28	28	27	25	12	9	1	0	0	5	9	16	-	-	-	-	6												
MACHRIHANISH	21-9	10	8.0	4.1	6.5	-	12.4	10	-1.6	5	-	-	145	199	15	7	25	21	6	0	1	9	0	0	1	8	8	5	3.14	-													
MILLPORT	9 9	5	8.2	4.0	6.1	-	10.4	7	-1.1	5	-	-	157	217	17	19	26	22	4	-	0	0	3	1	0	1	9	-	-	-	-												
PRISLEY	9 9	32	9.2	3.4	6.3	+0.5	12.0	10	-1.3	5	5.3	5.9	149	213	17	19	23	21	1	0	0	0	1	0	1	8	-	-	-	-	1	2.89											
PRESTWICK	21-9	16	9.1	3.8	6.5	-	12.2	10	-2.7	5	-	-	128	246	15	22	24	19	7	0	0	0	1	0	3	9	5	0	2.74	-	-												
RHUYAL	21-9	20	8.2	4.1	6.1	-	11.1	10	0.4	21	-	-	204	243	18	19	27	23	5	0	2	1	0	9	0	5	2	1	-	-	-												
ROTHESAY	9 9	43	8.4	3.7	6.1	-	10.5	10	-0.5	5	5.1	5.0	193	224	26	7	25	23	2	0	0	0	0	0	1	11	-	-	-	-	-												
SLOY	21-9	12	8.0	3.4	5.7	-	10.8	8	-2.6	5	-	-	332	-	32	7	27	25	5	-	0	2	1	0	0	3	-	-	-	-	0	-											
STRONACHULLIN	9 9	2	8.7	3.6	6.1	-	10.9	9.10	-1.4	5	-	-	244	-	32	13	23	22	1	1	0	0	0	0	3	10	-	-	-	-	-												
TREE	21-9	9	8.2	4.1	6.1	-0.1	10.4	14	0.4	5	-	-	163	232	13	1	23	25	4	0	1	11	0	0	6	7	3	2.80	77	-	-												
UPPLAND	9 9	128	7.9	2.0	4.9	-	10.8	10	-4.4	5	-	-	194	-	24	7	22	21	8	3	0	4	0	0	5	22	-	-	-	-	-	0											
CENTRAL																																											
ARROCHYMORE	9 9	30	8.4	2.8	5.6	-	11.2	8	-3.0	5	-	-	186	-	23	7	25	22	-	0	-	-	-	0	5	15	-	-	-	-	-	2.39											
CALLANDER	9 9	107	8.1	1.8	4.9	-	12.2	8	-3.5	5	-	-	227	225	27	19	24	23	2	0	0	0	0	0	8	16	-	-	-	-	-	0											
EARLS HILL	21-9	335	6.0	1.1	3.5	-	9.4	8.10	-2.5	18	-	-	199	-	25	19	26	23	7	-	1	0	0	3	4	11	16	8	0	2.45	-												
FALKIRK	9 9	3	9.7	1.7	6.2	-	13.0	10	-2.3	5	-	-	102	-	14	19	25	22	1	0	-	-	-	-	-	-	-	-	-	-	-	3.17											
ORANGEMOUTH	9 9	4	-	-	-	-	-	-	-	-	-	-	85	-	12	19	24	22	-	-	-	-	-	-	-	-	-	-	-	-	-												
PARKHEAD	9 9	107	9.1	2.7	5.9	-	13.4	8	-2.5	5	4.4	-	108	-	17	19	23	22	-	0	-	-	-	-	-	-	-	-	-	-	-	-											
STIRLING (BATTERFLIES)	9 9	38	9.5	2.7	6.1	-	14.4	10	-3.8	5	4.7	4.4	134	-	19	19	26	21	2	0	0	0	0	0	3	16	-	-	-	-	-	0	3.43										
DUNFRIES & GALLIMAY																																											
BARGONNAN	9 9	110	8.4	1.9	5.1	-	11.1	27	-5.1	5	-	-	206	206	29	13	26	24	4	1	1	0	1	1	6	20	-	-	-	-	-	-											
CLATTERINGSHAW	9 9	178	7.1	2.0	4.5	-	10.0	8	-5.0	5	-	-	259	196	31	7	25	23	9	0	0	0	2	0	6	-	-	-	-	-	-	7	2.20										
DUNFRIES	9 9	49	8.5	3.0	5.7	+0.6	11.7	8	-2.6	5	5.5	5.4	96	143	12	13	24	19	3	0	0	0	0	0	3	16	-	-	-	-	-	0	2.91										
DUNDEE	9 9	119	7.8	2.0	4.9	-	10.4	27	-6.2	5	4.8	-	188	205	21	13	26	20	2	1	0	0	0	1	5	-	-	-	-	-	-	-											
ESKDALEHUR	21-9	242	6.8	1.4	4.1	-	11.1	8	-7.2	5	4.7	4.9	225	225	33	13	26	23	10	2	2	6	1	4	10	17	16	0	2.35	76	-	-											
PS																																											

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

MARCH 1978

DISTRICT REGION/COUNTY AND PLACE		MAX. TEMP. MIN. OF OBSERVATION HEIGHT OF STATION ABOVE MSL (FEET)	AIR TEMPERATURE IN DEGREES C				MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE									
			MEANS OF		HIGHEST MAXIMUM	LOWEST MINIMUM	90 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	HAIL IN A DAY	PRECIP- ITATION	0.2 MM OR MORE	1.0 MM OR MORE	SNOW OR SLEET SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	ORRIS MIN. BELON O DEG C	CONCRETE MIN. BELON O DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	SKY- COVERAGE				
			MAX. (A)	MIN. (B)																										
2 ENGLAND E & NE -CONTINUED																														
DURHAM		9 9	102	9.9	2.0	6.3	-1.4	13.5	8	5.2	5.3	29	80	7	31	15	0	-	-	0	4	13	-	-	3.50	104	5			
LOW ETHELREY		9 9	553	8.8	1.7	5.3	-	14.3	10	-3.2	5	4.8	5.5	34	-	17	15	10	-	0	1	7	19	12	-	-	-			
WIDEBANK FELL		9 9	513	5.0	0.2	2.6	-	10.9	10	-5.3	5	2.3	-	137	-	17	14	26	24	-	6	5	15	21	-	-	2.27			
CLEVELAND		9 9	31	10.2	2.3	6.3	-	13.9	10	-3.0	5	-	-	28	92	0	22	15	7	1	0	0	0	2	-	1	3.30			
HARTLEPOOL		9 9	9	10.1	3.9	7.0	-1.1	14.1	11	-1.1	16	-	-	27	82	0	22	14	0	3	0	0	0	2	-	0	3.37			
NORTH YORKSHIRE		9 9	33	10.3	2.4	6.3	-	14.1	11	-2.0	5	-	-	38	102	9	20	17	11	0	0	0	0	6	10	-	0	3.00		
ASHKHAM BRYAN		9 9	6	10.4	2.9	6.7	-	14.2	11	-1.5	5	5.5	5.5	35	98	11	20	14	12	1	0	0	0	5	14	-	0	3.06		
CANNOO		9 9	175	8.7	2.4	5.5	-	12.0	10	-1.3	10	4.6	-	54	115	12	31	20	11	1	1	0	0	1	4	15	0	3.83		
HIGH MONTHORPE		21-9	32	10.0	3.4	6.7	-	15.4	11	-3.0	16	5.4	5.4	31	77	6	31	15	10	3	0	0	0	5	10	-	0	3.66		
LECHING		9 9	395	6.7	0.5	3.6	-	10.5	11	-2.2	10	3.5	-	175	188	29	14	26	21	10	6	0	4	4	12	-	0	-		
WALKER TOWN		9 9	44	10.2	1.8	6.0	-	15.7	10	-3.9	5	-	-	46	109	7	22	18	12	2	0	1	0	1	8	-	0	-		
PICKERING		9 9	44	10.2	1.8	6.0	-	15.7	10	-3.9	5	-	-	46	109	7	22	18	12	2	0	1	0	1	8	-	0	-		
SCARBOROUGH		9 9	52	9.9	3.0	6.6	-	15.7	10	-1.4	16	5.7	5.0	36	94	0	22	17	11	0	0	0	0	2	7	21	-	0	4.52	
SILPHO MOOR		9 9	205	8.9	2.3	5.5	-	16.4	10	-2.7	16	4.4	-	69	130	15	22	24	14	2	0	0	0	2	7	21	-	0	4.21	
SNARZOLNE		9 9	290	6.7	1.1	3.9	-	11.6	10	-5.2	5	4.1	-	196	-	20	14.22	26	21	5	4	0	0	0	3	11	-	0	1.94	
WHITBY		9 9	41	9.8	3.2	6.5	-	16.5	10	-1.7	5.16	-	-	32	-	9	31	15	7	2	0	0	1	0	3	16	-	0	4.71	
WHITBY (CONSTANT)		21-9	60	-	-	-	-	-2.6	16	-	-	-	-	31	-	0	31	10	0	1	0	0	0	4	10	-	3	-		
YORK (HESLINGTON)		9 9	19	10.3	2.8	6.5	-	14.2	11	-1.9	5	5.7	5.0	40	111	9	20	20	12	0	0	0	0	5	13	-	0	3.79		
HUMBERSIDE																														
BRIOLINGTON		9 9	48	9.7	2.2	5.9	-	14.6	10	-1.9	10	-	-	36	81	5	22	17	12	2	0	0	1	0	4	14	-	5	4.14	
CLEETHORPES		9 9	7	10.6	3.3	6.9	-1.2	15.5	10	-0.9	18	-	-	51	133	17	20	17	13	1	0	0	0	1	-	0	3.67	1103		
HULL		9 9	2	11.0	3.4	7.2	-1.5	15.5	10	-1.4	5	6.2	6.2	45	109	0	20	23	12	0	0	1	0	0	1	15	-	0	3.97	
LINCOLNSHIRE																														
BIRKBECK		21-9	100	9.7	2.5	6.1	-	14.0	10	-1.4	5	-	-	51	114	11	20	22	15	0	1	0	3	1	5	14	11	0	3.99	
CRISTOR		9 9	21	10.5	1.2	6.5	-	15.2	10	-3.3	5	-	-	38	-	12	20	16	11	-	-	-	-	4	-	-	-	-	-	
CRAWNELL		9 9	62	10.8	2.4	6.6	-1.3	16.2	11	-2.4	31	5.3	4.8	39	101	9	20	20	10	3	0	0	1	1	2	5	12	2	4.23	
KIRTON		9 9	4	10.7	2.7	6.7	-	15.7	10	-1.2	19	6.2	6.3	39	-	11	20	19	10	1	0	0	1	1	3	14	-	0	4.42	
LINCOLN		9 9	6	10.9	2.7	6.8	-1.3	16.7	10	-5.0	5	5.6	5.5	40	-	10	20	18	10	0	0	0	0	1	3	15	-	0	4.00	
SKEGNESS		9 9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SUTTON BRIDGE		9 9	4	11.2	2.9	7.1	-	16.0	10	-1.2	10	-	-	45	113	14	20	16	9	2	-	0	0	0	2	16	-	0	-	
WADDINGTON		21-9	68	10.5	3.2	6.9	-1.5	15.7	10	-1.7	10	-	-	45	109	9	20	20	13	5	0	0	0	1	2	3	15	9	0	3.90
3 EAST ANGLIA																														
NORFOLK																														
COLTSHALL		21-9	17	10.6	2.8	6.7	-	16.2	11	-3.9	6	-	-	59	143	16	20	22	13	5	2	0	1	0	2	4	14	10	0	-
CROMER		9 9	54	10.8	3.2	7.0	-1.5	17.0	11	-0.3	18	-	-	50	127	16	20	19	11	3	-	0	0	1	2	1	10	-	0	4.63
GRESTON		9 9	2	10.9	3.2	7.1	-1.1	16.0	11	-2.0	6	6.1	6.5	54	145	13	20	20	11	12	2	2	0	0	0	3	6	-	0	3.95
MARHAM		21-9	23	10.9	2.7	6.8	-	16.6	10	-2.4	6	-	-	69	-	14	20	21	16	4	1	0	3	0	3	12	-	0	3.83	
MORLEY ST BOTOLPH		9 9	46	10.0	2.6	6.3	-	15.0	11	-2.1	6	5.7	-	65	-	14	15	21	14	5	2	0	1	1	4	3	14	-	0	3.64
SANTON DOWNHAM		9 9	26	10.9	1.7	6.3	-	17.3	11	-6.0	6	5.4	5.6	78	181	20	16	23	14	-	2	-	-	-	1	9	23	-	0	3.51
SCOLE		9 9	27	10.8	2.6	6.7	-	17.0	11	-3.7	6	5.8	6.1	74	-	15	20	20	13	4	2	0	2	1	2	6	15	-	0	3.79
TEARLINGTON ST CLEMENT		9 9	3	10.8	2.8	6.8	-1.2	16.6	10	-1.0	10	6.0	-	51	137	14	20	23	12	1	0	0	0	1	1	3	14	-	0	3.80
CAMBRIDGESHIRE																														
BOXTON		9 9	53	10.7	2.7	6.7	-	17.1	11	-2.2	10	-	-	52	137	12	2	21	10	2	1	0	1	0	2	5	10	-	0	3.93
CAMBRIDGE																														
BOTANIC GARDEN		9 9	12	11.1	2.8	6.9	-1.4	17.3	11	-2.7	10	6.3	6.1	-	-	-	-	-	-	-	1	1	0	1	0	5	11	-	0	-
NATIONAL INSTITUTE OF AGRICULTURAL BOTANY																														
HARCHE		9 9	24	11.1	3.2	7.1	-	17.0	11	-1.5	5	-	-	59	168	13	2	21	13	1	1	0	1	1	1	2	10	-	0	3.75
HARWELL		9 9	21	11.4	3.0	7.3	-	17.6	10	-1.3	6.10	-	-	45	106	10	2	22	10	-	0	-	-	-	2	5	13	-	0	-
HONINGTON		9 9	49	10.5	2.9	6.7	-	17.5	11	-3.0	6	-	-	72	109	20	15	20	14	4	3	0	1	1	2	6	13	10	0	3.57
LEVINGTON		9 9	22	10.1	2.7	6.4	-	15.0	10	-2.9	6	-	-	47	-	13	15	16	11	4	1	0	3	0	0	4	12	-	1	3.50
LOMESTOFT		9 9	25	9.9	2.9	6.4	-1.1	15.0	27	-2.0	6	5.7	6.0	54	145	11	20	21	13	2	1	1	0	0	0	2	10	9	0	3.81
MATTISHAM		21-9	89	10.1	2.6	6.3	-	16.9	11	-2.4	10	-	-	51	128	10	15	20	13	4	0	1	0	2	2	7	17	11	1	3.93
DEFOORDSHIRE																														
LUTON		21-9	29	11.3	2.7	7.0	-	17.0	11	-3.0	10	6.2	6.2	53	144	11	15	20	11	2	1	0	3	2	2	5	17	11	0	4.16
SILSOE		9 9	59	10.6	3.5	6.7	-	16.3	11	0.2	16.17	-	-	64	145	12	2	20	16	-	1	-	-	-	3	0	-	-	0	3.83
WOBURN		9 9	89	10.5	2.7	6.6	-1.3	16.1	11	-2.4	5	6.1	6.2	65	154	20	15	22	15	2	1	1	0	0	1	6	17	-	0	3.66
HERTFORDSHIRE																														
ALDENHAM SCHOOL		9 9	91	10.7	2.8	6.7	-	17.0	10	-3.0	10	6.3	-	85	193	15	2	21	17	1	1	3	0	2	1	5	19	10	2	-
CARSTON		9 9	78	10.7	3.0	6.9	-	16.3	11	-2.5	5	-	-	77	175	12	2	20	17	2	0	0	0	0	0	5	16	9	0	3.93
HODDESDON		9 9	43	11.3	3.3	7.3	-	17.0	10	-2.2	6	7.1	-	70	175	15	15	22	13	3	1	2	0	1	-	5	17			

[illegible]

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

MARCH 1978

DISTRICT REGION/COUNTY AND PLACE		MAX. TERMINAL HEIGHT, MIN. OF STATION HEIGHT OF STATION ADJUT. HGT. (FEET)	AIR TEMPERATURE IN DEGREES C										MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H. 09 GMT)		WEATHER (NUMBER OF DAYS)														BRIGHT SUNSHINE			
			MEANS OF		DIFFERENCE FROM 1961-70 AVERAGE	HIGHEST		LOWEST		NO. CH DEGREES C	100 CH DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1961-70 AVERAGE	MOST IN A DAY	PRECIP- ITATION	0-2 MM OR MORE	2-5 MM OR MORE	5-10 MM OR MORE	SNOW OR SLUSH AT 9H	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	WIND DIR. & SPEED	CONCRETE MIN. BELOW 0 DEG C	GRASS MIN. BELOW 0 DEG C	DALE	DAILY MEAN (INCHES)	PERCENTAGE OF 1961-70 AVERAGE	SATUR- ATION		
			MAX. (A)	MIN. (B)		MAX.	DATE	MIN.	DATE																								DATE	
																																		5 ENGLAND SE & CENTRAL S.
GREATER LONDON																																		
		9 9	65	11.4	3.7	7.5	+1.2	17.0	10.11	-1.5	6	-	57	139	15	15	18	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9 9	7	11.3	4.1	7.7	-	16.8	11	-1.5	6	-	53	144	15	15	17	12	3	0	0	0	0	0	0	0	0	0	0	0	3.35	-	-	
		9 9	137	10.3	3.0	(6.7)	(+1.0)	16.3	10	-1.2	10	-	75	174	14	15	18	17	1	0	0	0	0	0	0	0	0	0	0	3.48	97	5		
		9 9	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		9 9	98	10.9	2.9	6.9	-	-	-	-2.0	18	6.6	6.9	79	-	13	20	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		21-9	25	11.3	3.7	7.5	+1.0	16.6	10	-1.0	18	-	59	151	11	15	18	15	4	0	0	0	0	1	1	4	14	8	0	3.50	-	-		
		9 9	25	(11.4)	(4.3)	(7.9)	(+1.0)	17.1	11	-0.2	10	7.3	(7.3)	58	142	15	15	17	14	1	0	0	0	1	1	12	-	-	-	-	-	-		
		21-9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		9 9	11.1	3.6	7.3	-	16.2	10	-2.9	6	6.7	7.0	53	138	13	15	18	12	3	0	0	3	1	0	6	15	8	0	3.80	105	-	-		
		9 9	11.1	4.5	7.8	+1.2	16.1	11	-1.2	18	-	67	7.0	53	142	15	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		LONDON																																
		9 9	77	11.5	5.5	8.5	-	16.9	10	-1.2	16	-	49	-	15	15	18	11	3	0	2	0	1	1	0	-	-	-	0	3.62	113	-	-	
		9 9	9	11.4	(4.6)	(8.0)	-	17.2	11	-0.4	18	-	59	148	17	15	18	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		9 9	67	(10.8)	3.6	(7.2)	(+0.9)	16.6	11	-0.9	6	6.5	-	67	156	13	15	17	15	2	1	1	0	0	1	2	13	-	-	0	4.06	110	-	
		9 9	59	-	-	-	-	-	-	-1.5	18	-	62	148	16	15	16	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		MILSHIRE																																
		9 9	126	10.2	2.9	6.5	+0.6	15.9	10	-1.5	5	-	53	111	9	13	22	12	3	1	3	2	1	2	5	15	11	0	4.20	106	-	-		
		9 9	49	10.6	2.7	6.7	-	16.2	10	-3.7	6	-	70	145	9	13	22	17	1	0	2	0	0	1	2	7	16	-	-	-	-	-		
		9 9	132	10.5	2.7	6.6	+1.0	16.9	10	-2.4	6	-	66	129	9	13	21	15	1	2	2	0	0	3	7	16	12	0	-	-	-	-		
		21-9	145	9.9	3.2	6.5	+1.0	15.0	10	-2.1	18	-	66	140	8	13	19	17	5	0	2	2	2	3	15	11	0	-	0	4.10	-	-		
		9 9	111	10.4	2.4	6.4	+0.8	16.1	10	-2.7	6	5.8	-	54	104	9	31	21	11	-	-	-	-	-	3	7	16	12	0	4.07	102	-	-	
		9 9	37	10.7	2.9	6.8	-	16.6	10	-3.6	5	6.6	-	72	-	8	15	21	18	3	1	3	0	1	2	7	18	-	-	-	-	-		
		21-9	179	10.1	2.8	6.5	-	16.3	10	-1.9	18	-	73	142	9	15	21	13	3	1	1	2	1	2	5	15	11	0	-	-	-	-		
		BERKSHIRE																																
		9 9	77	10.6	2.5	6.5	-	16.0	11	-5.1	6	6.5	6.7	66	-	12	15	18	15	1	0	1	0	2	1	7	14	12	0	3.65	-	-		
		9 9	43	10.8	2.6	6.7	-	16.3	11	-3.1	6	6.0	-	59	132	8	25	19	16	1	0	1	0	0	3	7	15	-	-	0	3.54	-	-	
		9 9	192	9.5	2.4	5.9	-	15.1	10	-1.3	18	5.7	-	57	-	7	13	19	12	-	-	-	-	-	-	-	-	-	-	-	-	-		
		9 9	66	10.7	3.1	6.9	-	16.3	11	-3.0	6	6.5	6.6	57	-	9	15	18	15	1	0	0	0	2	5	18	13	0	-	0	3.85	-	-	
		9 9	62	10.7	2.9	6.8	-	16.1	11	-3.2	6	-	57	-	10	15	17	15	3	0	0	1	0	2	5	17	-	-	0	3.71	-	-		
		SURREY																																
		9 9	32	11.1	-3.2	7.1	+0.8	16.6	10	-3.0	6	6.5	6.8	59	142	18	15	18	13	1	0	0	1	0	2	6	16	-	-	4	3.61	99	-	
		KENT																																
		9 9	123	9.0	3.3	6.1	-	13.5	10	0.2	17	-	50	95	6	15	21	15	2	0	0	0	0	2	0	-	-	-	0	-	-	-		
		9 9	6	9.2	4.0	6.6	-	11.0	24	-2.5	6	-	34	82	7	15	21	16	11	1	0	0	0	0	2	4	-	-	0	-	-	-		
		9 9	52	10.9	3.3	7.1	+1.2	17.5	10	-2.8	6	6.4	6.5	42	102	9	15	15	12	2	0	0	2	0	1	4	15	12	-	2	3.38	89	-	
		9 9	45	10.6	2.5	6.5	-	17.0	10	-4.0	6	-	54	-	8	15	17	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		9 9	5	11.3	2.4	6.9	-	16.8	10	-3.9	6	-	26	69	4	20	19	10	2	0	0	0	0	0	7	-	-	-	-	0	-	-		
		9 9	48	10.7	3.5	7.1	-	16.9	10.11	-1.9	6	6.0	6.3	41	101	9	15	17	11	1	0	0	1	0	2	3	11	-	-	0	3.60	-	-	
		9 9	31	9.3	3.1	6.2	-	11.7	25	-2.5	7	-	56	45	102	6	2	18	16	4	0	0	1	0	1	5	13	-	-	6	3.87	92	-	
		9 9	3	11.0	4.0	7.5	-	17.5	10	-2.5	6	-	41	105	13	15	14	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		9 9	85	(9.9)	(2.8)	(6.3)	(+0.6)	16.4	10	-3.7	6	-	62	109	9	15	17	15	2	0	1	0	0	3	4	10	-	-	-	-	-	-		
		9 9	27	10.8	2.6	6.7	-	16.7	10	-3.4	6	6.4	6.9	52	-	7	15	18	15	1	0	0	0	2	7	15	-	-	-	-	-	-		
		9 9	31	10.6	3.3	6.9	-	17.0	11	-1.5	18	6.7	-	30	-	5	20	19	12	2	0	0	0	0	4	9	-	-	0	3.97	102	-	-	
		21-9	44	10.6	3.2	6.9	-	17.0	11	-2.2	6	-	23	65	5	20	17	8	5	0	0	2	1	0	4	11	11	2	-	0	3.98	-	-	
		9 9	16	10.6	4.4	7.5	+1.2	16.9	11	0.1	18	6.5	6.8	24	72	6	20	17	8	2	0	0	0	0	1	0	5	-	-	0	3.69	88	-	
		21-9	47	(11.0)	(2.5)	(6.7)	-	17.8	10	-3.2	6	-	41	-	6	15	17	12	4	0	0	0	0	2	8	-	-	-	-	0	3.29	-	-	
		9 9	56	10.4	2.9	6.7	-	17.1	10	-2.6	6	6.4	6.6	40	89	5	2	16	12	1	0	0	1	1	3	5	16	-	-	0	3.08	76	-	
		HAMPSHIRE																																
		9 9	115	10.0	2.5	6.3	+0.8	14.4	10	-6.2	6	-	80	151	15	15	19	14	2	0	0	0	0	2	6	16	-	-	0	3.48	-	-		
		9 9	16	9.8	3.6	6.7	-	13.0	8	-2.8	7	-	79	150	12	15	18	16	1	0	2	0	0	3	4	13	-	-	0	4.54	-	-		
		9 9	4	9.8	4.2	7.0	-	13.4	10	-0.8	7	-	64	141																				

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

MARCH 1978

DISTRICT REGION/COUNTY AND PLACE	MAX. TEMPERATURE HIGHEST MIN. OF OBSERVATION HEIGHT OF STATION ABOVE MSL (FEET)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE																					
		MEANS OF		DAILY MEAN (MEAN OF 24 H)	DIFFERENCE FROM 1961-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		50 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1961-70 AVERAGE	HOURS IN DAY	PRECIP- ITATION	0.2 MM OR MORE	1.0 MM OR MORE	SNOW OR SLUSH Lying AT 9H	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR PROB	DRIZZLE N.B. CONCRETE MIN. BELOW 0 DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1961-70 AVERAGE EXPOSURE																			
		MAX. (A)	MIN. (B)																																										
			MAX.			DATE	MIN.	DATE																																					
7A ENGLAND NM & I.O.W.																																													
CUMBRIA																																													
CARLISLE	21-9	26	9.1	3.8	6.5	-	12.6	8	-4.0	5	6.0	5.9	86	183	17	13	22	16	6	0	2	0	0	1	4	9	6	0	2.97																
CARTHEW	9-9	35	8.7	2.8	5.7	-	11.3	8	-3.6	5	-	-	167	-	24	7.13	22	20	1	0	0	0	0	1	5	-	-	-	-																
GRIZEDALE	9-9	91	8.4	2.4	5.4	-	12.5	8	-4.1	5	4.7	-	205	167	23	13	27	22	4	0	2	0	0	1	7	17	-	-	-																
MOOR HOUSE	9-9	556	4.2	-0.3	1.9	-	11.4	10	-7.5	5	2.4	-	298	216	44	14	27	23	16	8	6	1	0	4	10	20	-	-	2.08																
NEWTON RISO	9-9	171	8.4	2.7	5.5	+0.8	13.7	10	-3.4	5	5.2	-	108	177	16	14	23	19	3	0	0	1	0	0	5	13	-	-	3.02																
SELLFIELD	9-9	13	8.3	4.0	6.1	-	12.0	11	-1.5	5	-	-	124	177	25	13	22	19	-	0	0	0	4	2	8	-	-	-	2.65																
LANCASHIRE																																													
HAZELRIGG	9-9	95	8.5	3.0	5.7	-	11.6	20	-2.3	5	-	-	104	-	12	20	24	16	5	0	0	2	1	3	4	9	-	-	2.77																
HELSHORE	9-9	260	7.6	2.1	4.9	-	11.0	11	-2.1	5	4.6	-	169	192	39	14	25	19	1	0	0	1	0	3	4	15	-	-	2.69																
KIRKHAM	9-9	24	9.0	3.4	6.2	-	12.6	20	-2.0	5	-	-	91	182	12	13	21	17	4	0	0	1	1	1	4	9	-	-	3.25																
MOOREHEAD	9-9	7	9.1	4.3	6.7	+1.0	12.3	20	-1.2	5	-	-	116	211	15	22	21	16	1	0	0	3	0	1	2	5	-	-	3.05																
PRESTON	9-9	35	9.5	3.5	6.5	-	12.5	20	-3.2	5	-	-	87	164	13	14	22	17	2	0	0	3	0	0	5	10	-	-	3.00																
SLIARHUR	9-9	192	8.1	2.1	5.1	-	12.0	11	-3.5	5	-	-	197	221	45	14	27	24	9	0	2	0	0	1	6	10	-	-	2.65																
SQUIRES GATE AIRPORT	21-9	10	9.2	4.0	6.6	+0.9	12.0	20	-3.6	5	-	-	75	163	11	13	22	18	2	0	0	3	1	1	3	7	4	0	-	3.78															
STONYHURST	9-9	115	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
NERSEYSIDE																																													
RIGBURTH	9-9	12	10.0	4.3	7.1	-	15.3	10	-0.7	5	-	-	51	-	15	20	18	11	3	0	2	1	1	1	1	7	6	2	-	3.80															
BIGSTON	9-9	60	9.5	4.2	6.9	-	13.1	20	-1.3	5	5.17	-	50	-	16	20	19	11	3	0	0	4	0	1	0	5	-	-	2	4.36															
ST HELENS	9-9	76	9.8	3.5	6.7	-	13.2	10	-1.7	5	6.0	-	71	-	14	20	21	16	1	-	2	0	0	0	4	-	-	0	-	3.80															
SOUTHPORT	9-9	5	9.2	3.2	6.2	+0.5	13.0	20	-2.7	5	6.2	7.1	75	171	12	13	19	16	-	-	-	-	-	-	4	7	-	-	3.64																
WEST KIRBY PARK	9-9	7	10.7	4.4	7.5	+1.4	14.1	10	-2.2	5	-	-	47	109	15	20	18	12	1	0	0	0	0	0	1	7	-	-	0	-															
GREATER MANCHESTER																																													
BOLTON	9-9	107	9.0	2.8	5.9	-	12.0	27.20	-3.0	5	5.1	5.2	125	-	27	14	23	17	0	0	1	1	1	0	6	11	-	-	0	-															
MANCHESTER	21-9	75	9.8	3.9	6.9	+1.2	13.9	10	-1.7	5	-	-	64	134	15	20	18	16	5	0	2	1	2	0	2	8	-	-	0	3.35															
RINGWAY AIRPORT	21-9	69	10.2	4.7	7.5	-	14.5	10	0.0	5	-	-	83	-	16	20	20	17	8	-	2	2	0	0	0	6	-	-	0	3.14															
CHESHIRE																																													
KNIVETON	9-9	65	10.3	2.8	6.5	-	14.3	10	-2.6	5	5.4	5.2	66	134	19	20	19	16	3	0	0	3	0	0	5	18	-	-	2	-															
MACCLESFIELD	9-9	152	9.4	2.7	6.1	+0.8	13.4	10	-1.7	5	-	-	68	129	17	20	18	16	6	0	0	1	0	6	4	-	-	-	-	-															
NESS GARDENS	9-9	30	10.4	3.0	6.7	-	15.2	10	-1.3	5	6.1	-	42	98	11	20	17	14	0	0	1	0	0	1	5	20	-	-	2	4.20															
ISLE OF MAN																																													
DOUGLAS	9-9	85	8.0	3.8	5.9	+0.2	10.2	8	-1.0	5	-	-	107	141	16	13	24	18	4	0	0	2	0	2	1	6	-	-	3	3.65															
POINT OF AYRE	21-9	9	9.4	4.3	6.9	+0.6	11.9	27	-1.7	5	-	-	58	106	9	20	20	16	2	0	0	0	0	0	2	-	-	1	-	3.44															
RONALDSBAY AIRPORT	21-9	16	8.7	4.4	6.5	+0.6	10.9	8	-2.1	5	-	-	67	114	10	20	22	14	6	0	0	2	0	0	3	7	6	1	-	3.65															
7B WALES N																																													
Gwynedd																																													
BALA	9-9	163	8.8	2.3	5.5	-	14.1	10	-4.9	5.18	5.5	5.7	122	145	20	14	22	18	1	0	0	6	0	1	7	11	9	0	-	3.34															
BARDSEY ISLAND	21-9	15	8.4	5.2	6.8	-	10.0	28	-2.17	10.25	-	-	48	85	10	13	19	14	0	0	0	0	0	0	0	0	11	-	-	-															
BETWIS-Y-COED	9-9	20	10.4	3.2	6.8	-	14.5	10	-3.2	5	6.0	-	173	-	36	14	22	21	0	0	0	0	0	0	2	15	-	-	-	-															
BOTWANO	9-9	34	9.7	4.4	7.1	-	13.1	3.5	0.5	10	6.2	7.3	72	104	13	13	21	17	0	0	0	0	0	0	0	2	-	-	0	2.97															
CHRYSTHOLLYN	9-9	204	8.0	2.9	5.5	-	10.5	1	-0.5	5	-	-	186	-	30	13	23	21	-	-	-	-	-	-	1	-	-	-	-	2.66															
LLYN ALW	9-9	44	9.6	3.5	6.5	-	11.0	8.9.31	-2.0	24	-	-	85	-	15	13	24	19	-	-	-	-	-	-	3	-	-	-	-	3.82															
PEN-Y-FRIDD	9-9	84	9.8	3.7	6.7	-	14.4	10	-1.1	5	-	-	83	124	10	20	21	16	0	0	0	3	0	0	3	17	-	-	1	3.71															
TRANSFYRDD	9-9	193	-	-	-	-	-	-	-	-	-	-	138	124	25	13	21	18	-	-	-	-	-	-	-	-	-	-	-	-															
VALLEY	21-9	10	9.3	5.2	7.3	+0.8	11.5	8	-1.4	5	-	-	63	123	12	20	20	19	3	0	0	4	0	0	1	5	3	9	-	3.87															
CLYDD																																													
ALLEN	9-9	335	7.7	1.8	4.3	-	13.0	10	-7.2	5	-	-	106	136	24	14	21	17	-	-	-	-	-	-	10	15	-	-	-	-															
BALCHWYN	9-9	386	7.1	1.6	4.3	-	10.2	8	-2.0	17.18	4.3	-	69	93	14	14	18	14	5	1	0	0	0	0	2	7	16	-	-	-															
COLWYN BAY	9-9	18	9.8	4.2	7.0	-	12.7	22.27	-0.4	5	6.2	-	54	111	9	20	20	13	0	0	0	0	0	0	1	-	-	-	-	4.35															
CORMEN	9-9	144	9.6	2.4	6.0	-	15.2	10	-5.2	5	-	-	102	152	21	14	21	18	0	0	0	0	0	0	6	13	-	-	0	-															
HAWARDEN BRIDGE	9-9	5	11.2	3.5	7.3	+1.2	15.2	10	-2.9	5	-	-	44	101	10	20	17	13	0	0	0	0	0	0	3	-	-	-	-	0															
LOGGERSHEADS	9-9	210	8.9	2.1	5.5	-	15.7	10	-4.0	5	5.0	5.2	48	85	9	14	16	12	4	0	0	0	0	0	6	12	-	-	0	4.15															
PRESTATYN	9-9	4	10.1	4.6	7.3	+0.8	13.7	20	-0.8	5	-	-	41	99	13	20	21	10	1	0	2	0	0	0	1	-	-	-	0	4.04															
RUTHIN	9-9	76	10.4	3.1	6.7	-	17.1	10	-3.1	5	-	-	45	93	11	14	15	10	0	0	0	0	0	0	5	-	-	-	0	4.40															
PONTS (NORTH)																																													
HOPE	9-9	91	10.6	3.1	6.9	-	18.3	10	-6.0	10	6.5	-	49	-	7	22	20	14	4	0	0	3	0	0	5	11	-	-	0	-															
LAKE VYNNY	9-9	303	7.7	1.7	4.7	+0.4	13.8	10	-4.0	5	4.2	-	105	170	29	14	21	19	6	4	1	2	0	0	7	16	-	-	6	-															
LLANFAIR CHEMEINION	9-9	236	9.2	2.8	6.0	-	15.9	10	-2.3	5	5.1	-	79	-	13	20	20	17	3	0	0	0	0	0	4	13	-	-	1	-															
MOEL CYNWEDD	9-9	350	7.5	1.0	4.3	-	13.6	10	-5.0	10	4.5	-	271	-	45	19	25	23	7	2	0	5	0	0	9	-	-	-	-	-															
7B WALES S																																													
DYFED																																													
ABERPORT	21-9	134	8.9	4.2	6.5	+0.2	12.6	10	-0.6	10	-	-	48	80	8	13	22	19	2	0	3	0	0	0	3	4	3	3	-	3.76															
ABERYSTWYTH	9-9	4	-	-	-	-	-	-	-	-	-	-	55	92	13	19	17	14	-	0	-	-	-	-	1	-	-	-	-	-															
BRAWDY	21-9	111	8.5	4.3	6.4	-	11.0	8	-1.8	10	-	-	74	-	13	13	22	15	4	1	0	4	0	2	3	7	4	-	-	3.73															
BRYANVAUGHAN	21-9	183	6.9	3.4	6.1	-	11.5	8	-2.3	10	-	-	127	-	25	13	24	22	4	1	3	1	0	0	2	5	-	-	0	-															
CARMARTHEN	9-9	15	9.9	3.5	6.7	-	12.8	8	-3.8	5	6.7	6.7	105	126	19	13	25	19	1	0	3	0	0	0	5	-	-	-	2	3.52															
CYMRISTWYTH	9-9	301	7.8	2.1	4.9	-	11.8	10	-5.0	10	-	-	149	126	21	26																													

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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DISTRICT REGION/COUNTY AND PLACE			MAX. TERMINAL HEIGHT MIN. OF OBSERVATION		HEIGHT OF STATION ABOVE MSL (FEET)		AIR TEMPERATURE IN DEGREES C						MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL HOURS)		WEATHER (NUMBER OF DAYS)												BRIGHT SUNSHINE								
							MEANS OF		DAILY MEAN (MEAN OF 24 HRS)	DIFFERENCE FROM 1961-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM	30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)		PERCENTAGE OF 1961-70 AVERAGE		MOST IN A DAY		PRECIP- ITATION	0.2 MM OR MORE	1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 08H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 08H	AIR FROST	WINDY (WIND 6 DEG C OR MORE)	CONCRETE MIN. BELOW 0 DEG C	DALE	DAILY MEAN (FOUNT)	PERCENTAGE OF 1961-70 AVERAGE	EXPOSURE
0A MALES CONTINUED																																					
WEST GLAMORGAN			21-9	36	8.0	4.8	6.8	-	14.0	8	0.0	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
RUMBLE HEAD			9-9	62	9.7	4.4	7.1	-	12.7	8	-2.2	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
NORTH			9-9	87	9.6	4.3	6.9	-	13.0	8	-0.2	5	-	-	6.3	6.4	129	157	15	13	24	21	1	0	0	0	0	0	0	0	0	0	0	0	0		
PORT TALBOT			9-9	5	10.6	4.6	7.6	-	13.8	8	-3.8	18	-	-	-	-	100	139	10	31	20	19	1	0	1	0	0	0	0	0	0	0	0	0	0		
SWANSEA			9-9	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
WHITEFORD BURROWS			9-9	5	9.9	4.7	7.3	-	13.2	8	-2.5	18	-	-	7.0	7.3	92	-	11	30	25	19	1	1	0	0	0	0	0	0	0	0	0	0			
MID GLAMORGAN																																					
ABERDARE FILTER STATION			9-9	174	8.9	3.3	6.1	-	12.2	10	-3.2	18	-	-	-	-	215	-	43	20	24	22	-	-	-	-	-	-	-	-	-	-	-	-			
CLIFFTOUD			21-9	194	1.8	3.2	6.0	-	11.5	10	-3.1	18	-	-	-	-	186	-	38	13	25	21	2	0	0	0	0	0	0	0	0	0	0	0	0		
LLYNNOY			9-9	241	8.3	2.2	5.3	-	11.5	10	-4.2	18	-	-	-	-	180	-	32	20	25	23	3	0	0	0	0	0	0	0	0	0	0	0	0		
PORTHALL			9-9	6	10.0	5.2	7.6	-	11.8	4	-3.0	18	-	-	-	-	86	-	13	31	20	19	1	1	0	0	0	0	0	0	0	0	0	0	0		
SOUTH GLAMORGAN																																					
BRIDGEND			9-9	40	10.2	3.9	7.1	-	13.7	8	-2.7	18	-	-	6.8	6.6	111	-	13	31	22	20	2	0	0	0	0	0	0	0	0	0	0	0	0		
CARDIFF (BUTE PARK)			9-9	9	10.6	3.9	7.3	-	14.3	8	-2.5	6	-	-	7.0	121	-	18	31	20	18	1	0	0	0	0	0	0	0	0	0	0	0	0	0		
RHODES AIRPORT			21-9	67	9.8	3.9	6.9	-	12.2	4.8	-2.3	5	-	-	-	-	90	-	12	31	22	17	4	1	1	1	1	1	1	1	1	1	1	1			
Gwent																																					
CRUMBLAND			9-9	245	9.1	2.7	5.9	-	13.4	10	-1.5	18	-	-	5.4	5.6	111	-	158	29	28	23	18	2	2	0	0	0	0	0	0	0	0	0			
USK			9-9	21	11.0	2.8	6.9	+0.9	15.3	10	-4.3	18	-	-	6.9	-	116	-	163	27	28	19	17	0	0	0	0	0	0	0	0	0	0	0	0		
0B ENGLAND SW																																					
AVON																																					
BATH			9-9	118	-	-	-	-	-	-	-	-	-	-	-	-	76	-	153	12	15	19	1	0	0	0	0	0	0	0	0	0	0	0			
FILTON			21-9	59	10.5	3.9	7.2	+0.9	15.0	11	-2.2	18	-	-	-	-	67	-	141	13	15	22	14	2	1	0	0	0	0	0	0	0	0	0	0		
LONG Ashton			9-9	51	10.8	3.6	7.2	+0.9	15.1	11	-2.7	18	-	-	6.6	-	80	-	163	11	13	20	19	2	0	0	0	0	0	0	0	0	0	0	0		
SOMERSET																																					
CRAWINGTON			9-9	28	11.4	4.0	7.7	+1.1	16.2	10	-1.8	5	-	-	7.2	-	166	-	147	7	15	20	1	0	0	0	0	0	0	0	0	0	0	0	0		
CREWKERNE			9-9	101	9.0	3.5	6.7	-	13.5	10	-1.6	5	-	-	6.4	-	104	-	19	28	20	20	1	0	0	0	0	0	0	0	0	0	0	0	0		
DOWNSIDE ABBEY			9-9	183	10.6	3.0	6.3	-	14.2	10	-2.5	5	-	-	-	-	117	-	162	15	15	24	1	0	0	0	0	0	0	0	0	0	0	0	0		
EXTON			21-9	329	8.6	2.5	5.5	-	11.8	11	-1.4	18	-	-	-	-	144	-	17	28	24	20	6	1	0	0	0	0	0	0	0	0	0	0	0		
HAWKRIIDGE			9-9	314	8.4	2.4	5.4	-	11.4	12	-2.5	18	-	-	-	-	168	-	169	24	21	25	2	1	2	2	1	1	1	1	1	1	1	1			
NETTLECOMBE			9-9	96	10.4	3.4	6.9	-	14.9	10	-2.6	5	-	-	6.0	-	112	-	19	28	19	17	1	1	0	0	0	0	0	0	0	0	0	0	0		
NETTLECOMBE (BIRDS HILL)			9-9	280	8.8	3.1	5.9	-	13.3	10	-1.2	17	-	-	-	-	133	-	24	28	21	17	1	0	0	0	0	0	0	0	0	0	0	0	0		
RODNEY STONE			9-9	40	10.5	3.6	7.1	-	14.1	11	-1.5	18	-	-	6.8	6.7	71	-	125	11	15	23	18	2	1	0	0	0	0	0	0	0	0	0	0		
WILKINGTON			9-9	113	11.0	3.1	6.5	-	14.8	10	-2.1	7	-	-	-	-	78	-	123	10	15	22	16	1	1	0	0	0	0	0	0	0	0	0	0		
YEDVILTON			21-9	18	10.8	3.2	7.0	-	14.8	11	-3.3	5	-	-	-	-	62	-	129	8	15	22	17	2	0	0	0	0	0	0	0	0	0	0	0		
DORSET																																					
BOURNEMOUTH			21-9	10	10.6	3.4	7.0	-	14.1	10	-4.0	6.7	-	-	-	-	67	-	120	10	27	20	15	2	0	1	2	0	1	0	0	0	0	0	0		
HURN AIRPORT			9-9	40	10.2	3.7	6.9	+0.4	13.2	27	-2.7	6	-	-	6.3	6.3	72	-	128	9	27	20	15	2	0	1	2	0	1	0	0	0	0	0	0		
HETTRICK PARK			9-9	3	10.5	4.0	7.3	-	13.9	10	-2.5	7	-	-	-	-	78	-	145	12	13	18	16	1	0	0	0	0	0	0	0	0	0	0	0		
CHRISTCHURCH			9-9	5	10.7	4.2	7.5	+0.9	14.0	11	-1.0	7	-	-	7.1	7.3	64	-	118	11	13	18	15	1	0	0	0	0	0	0	0	0	0	0	0		
POOLE			9-9	3	10.7	4.2	7.5	+0.9	14.0	11	-1.0	7	-	-	7.1	7.3	64	-	118	11	13	18	15	1	0	0	0	0	0	0	0	0	0	0	0		
PORTLAND BILL																																					
(CARTOUDARD)			21-9	53	9.0	5.2	7.1	+0.5	11.2	4	1.8	16.18	-	-	-	-	58	-	9	2	18	13	0	0	0	0	0	0	0	0	0	0	0	0	0		
SHARNAGE			9-9	11	9.8	4.5	7.1	+0.6	13.4	8	-1.2	6	-	-	7.6	-	80	-	140	10	15	21	17	1	0	0	0	0	0	0	0	0	0	0	0		
MEYNOUTH			9-9	23	10.2	3.7	6.9	-	12.7	4	-1.1	18	-	-	-	-	64	-	10	20	21	15	1	0	0	0	0	0	0	0	0	0	0	0	0		
MINFRITH			9-9	26	10.5	3.7	7.1	-	13.4	8	-3.5	6	-	-	-	-	73	-	118	10	27	19	16	1	0	0	0	0	0	0	0	0	0	0	0		
DEVON																																					
CHAMLEIGH			9-9	168	9.9	2.8	6.3	-	13.3	10	-2.6	18	-	-	-	-	95	-	12	26	23	20	2	0	1	3	1	0	0	0	0	0	0	0	0		
EXETER AIRPORT			21-9	32	10.8	4.0	7.4	+0.7	14.8	10	-2.8	7	-	-	-	-	64	-	116	8	28	23	16	2	0	0	0	0	0	0	0	0	0	0	0		
EXMOUTH			9-9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
HARTLAND POINT			21-9	93	8.5	5.4	6.9	+0.2	10.5	10	1.1	16	-	-	-	-	78	-	137	8	26	21	20	0	0	0	0	0	0	0	0	0	0	0	0		
ILFRACOMBE			9-9	8	10.4	5.3	7.9	-	12.4	10	0.4	5	-	-	7.7	6.0	113	-	15	31	24	18	1	0	0	0	0	0	0	0	0	0	0	0	0		
ONEHAMPTON			9-9	372	8.1	2.7	5.4	-	13.7	10	-1.4	16	-	-	-	-	206	-	33	13	26	21	2	1	3	1	2	3	5	13	-	2	-	-			
PLYMOUTH																																					
MOUNT BATTEN			21-9	27	10.1	5.1	7.6	+0.5	12.5	4	-0.7	18	-	-	-	-	114	-	154	12	27	24	18	1	0	2	3	0	1	1	0	0	0	0	0		
THE MOE			9-9	36	10.0	4.8	7.4	0.0	12.0	4.12.25	-0.1	17	-	-	7.4	7.3	97	-	130	12	27	23	18	1	0	1	0	0	0	0	0	0	0	0	0		
PRINCE POINT			21-9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
STONEDOWN			9-9	10	10.3	4.4	7.3	+0.6	13.5	27	-1.0	7.18	-	-	-	-	271	-	45	13	24	24	2	3	0	0	0	0	0	0	0	0	0	0	0		
SLAPTON			9-9	32	10.6	4.6	7.6	-	12.7	11	0.2	17	-	-	-	-	139	-	169	17	27	24	21	1	0	0	0	0	0	0	0	0	0	0	0		
STARCROSS			9-9	9	11.1	3.8	7.5	+0.8	14.1	27	-1.9	10	-	-	7.4	-	77	-	127	9	28	23	17	1	0	0	0	0	0	0	0	0	0	0	0		
TEGARROTH			9-9	3	10.8	4.5	7.7	+0.5	13.5	27	-1.0	7	-	-	-	-																					

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HEIGHT MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C					MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE							
			MEANS OF		HIGHEST MAX.	DATE	LOWEST MIN.	DATE	30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY	PRECIP- ITATION	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	DRIZZ MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DRIZZ DAYS	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE		
			MAX. (A)	MIN. (B)																									
NORTHERN IRELAND																													
LONDONDERRY																													
AGHALLAD ...	99	18	9.5	3.3	6.4	-	-	-	-	-	94	-	14	20	26	21	4	1	0	0	0	0	0	0	0	0	0	0	0
BANAGHER (CAUGH HILL) ...	99	216	8.2	1.6	4.9	-	-	-	-	-	169	-	10	14	29	26	6	3	0	0	0	0	0	0	0	0	0	0	0
CARNEY ...	99	73	9.2	3.2	6.2	-	-	-	-	-	105	-	14	14	29	24	1	1	0	0	0	0	0	0	0	0	0	0	0
COLLEEN UNIVERSITY ...	99	23	9.1	2.9	6.0	-	-	-	-	-	96	-	15	14	26	22	6	0	0	0	0	0	0	0	0	0	0	0	0
COLLEEN ...	99	3	9.6	3.4	6.5	-	-	-	-	-	112	-	15	20	25	23	1	1	0	0	0	0	0	0	0	0	0	0	0
DEERYNOD FOREST ...	99	80	9.2	2.0	5.6	-	-	-	-	-	158	195	13	14	27	24	5	1	3	0	0	0	0	7	19	0	0	0	0
DRYVAGH FOREST ...	99	80	8.9	1.7	5.3	-	-	-	-	-	140	192	21	14	29	25	2	1	0	0	0	0	0	9	17	0	0	0	0
LOUGHMORE FOREST ...	99	174	8.5	1.8	5.1	-	-	-	-	-	138	185	19	20	29	24	12	3	5	6	1	1	8	16	7	1	0	0	
MOYDIO ...	99	34	9.1	2.3	5.7	0.0	-	-	-	-	121	198	13	20	26	24	4	0	0	3	2	1	5	12	2	0	0	0	0
TRARD POINT ...	99	16	9.5	1.7	5.6	-	-	-	-	-	93	-	10	20.28	25	22	2	0	0	0	0	0	0	8	12	0	0	0	0
ANTRIM																													
ALDERGROVE AIRPORT ...	21-9	68	9.2	3.0	6.1	+0.4	-	-	-	-	87	151	9	20	24	22	6	0	1	4	1	0	0	7	13	10	0	0	0
ALTRINCH ...	99	213	7.6	1.6	4.6	-	-	-	-	-	137	148	17	14	27	25	7	3	1	0	0	0	4	8	15	0	0	0	0
BALLYLUNFORD ...	99	24	9.2	3.5	6.3	-	-	-	-	-	71	-	9	19	23	22	1	0	0	0	0	0	0	0	0	0	0	0	0
BALLYPATRICK FOREST ...	99	152	8.3	2.2	5.3	-	-	-	-	-	122	157	14	14	27	23	6	0	0	0	0	0	0	6	11	0	0	0	0
CARLLOUGH ...	99	12	9.0	3.0	6.0	-	-	-	-	-	122	-	15	23	25	23	2	0	1	0	0	0	0	2	1	0	0	0	0
DIYIS MOUNTAIN ...	99	363	6.7	0.1	3.4	-	-	-	-	-	162	203	20	14	25	25	1	0	2	0	1	0	16	12	0	0	0	0	0
GREENMOUNT ...	99	38	9.4	3.0	6.2	-	-	-	-	-	96	174	12	14	24	20	1	0	3	0	1	0	6	12	0	0	0	0	0
HYDE PARK (MALLUSKI) ...	99	140	8.7	2.8	5.7	-	-	-	-	-	118	-	22	14	24	22	4	0	2	0	0	0	6	12	0	0	0	0	0
KILROD POWER STATION ...	99	12	9.3	3.5	6.4	-	-	-	-	-	87	-	18	14	25	21	0	0	0	0	0	0	4	12	0	0	0	0	0
LISNAHILLAN ...	99	38	9.2	1.3	5.3	-	-	-	-	-	120	200	18	14	25	22	4	1	1	0	0	0	0	10	18	0	0	0	0
LONTOWN ...	99	271	7.1	1.5	4.3	-	-	-	-	-	141	154	19	14	27	24	4	3	0	0	0	0	4	10	17	0	0	0	0
PARKMORE FOREST ...	99	235	7.4	1.1	4.3	-	-	-	-	-	195	195	26	14	25	24	4	2	1	0	0	0	1	17	0	0	0	0	0
WOODBURN NORTH ...	99	217	7.8	1.9	4.9	-	-	-	-	-	126	161	25	14	27	20	2	1	0	0	0	0	3	6	15	0	0	0	0
BELFAST																													
ANDERSONSTOWN ...	99	64	9.5	2.9	6.2	-	-	-	-	-	126	-	17	14	25	23	2	0	1	0	0	0	3	18	0	0	0	0	0
RAILONE ...	99	35	9.6	3.0	6.3	-	-	-	-	-	90	-	12	14	25	21	5	1	0	0	0	0	4	13	0	0	0	0	0
HILLTOWN ...	99	37	9.8	2.9	6.3	-	-	-	-	-	87	-	10	14	23	22	5	1	0	2	1	0	5	16	0	0	0	0	0
NEWTOWNROBEY ...	99	32	9.6	3.8	6.7	-	-	-	-	-	114	173	19	14	23	21	6	0	6	0	1	0	3	12	7	0	0	0	0
ROSEBANK ...	99	47	9.4	3.1	6.3	-	-	-	-	-	91	-	11	14	24	20	0	0	0	0	0	0	4	0	0	0	0	0	0
ROSETTA ...	99	24	-	-	-	-	-	-	-	-	79	127	14	14	16	15	1	0	0	0	0	0	0	0	0	0	0	0	0
STORMONT CASTLE ...	99	56	9.0	3.0	6.0	-	-	-	-	-	85	140	10	14	24	20	2	1	0	0	0	0	3	17	0	0	0	0	0
DOWN																													
BANDOR SENCOURT ...	99	15	9.4	4.0	6.7	-	-	-	-	-	86	-	13	14	25	22	5	1	9	0	0	0	1	9	8	0	0	0	0
BALLYMATER PARK ...	-	11	-	-	-	-	-	-	-	-	68	123	9	20	21	15	2	0	0	0	0	0	0	0	0	0	0	0	0
BALLYMARTIN COCK ...	99	6	8.9	3.4	6.1	-	-	-	-	-	76	149	13	4	23	18	2	0	1	3	0	2	3	11	2	0	0	0	0
DOWNPATRICK ...	99	26	9.3	3.3	6.3	-	-	-	-	-	53	-	9	20	17	10	0	0	0	0	0	0	0	0	0	0	0	0	0
HELENS BAY ...	99	43	9.4	3.6	6.5	-	-	-	-	-	95	170	15	14	24	21	3	0	0	5	0	0	2	8	2	0	0	0	0
HILLSBOROUGH ...	99	116	8.8	2.6	5.7	+0.4	-	-	-	-	72	126	11	20	24	21	5	0	0	0	0	0	5	18	0	0	0	0	0
MACHERRALLY ...	99	97	9.1	1.9	5.5	-	-	-	-	-	83	-	15	20	25	21	5	2	0	8	0	0	8	19	0	0	0	0	0
MARLLOUGH ...	99	9	9.5	2.5	6.0	-	-	-	-	-	83	-	16	20	26	18	4	0	4	1	0	0	6	11	0	0	0	0	0
MEARY ...	99	1	9.7	2.9	6.3	-	-	-	-	-	91	-	12	20	25	24	0	0	0	0	0	0	5	11	0	0	0	0	0
SILENT VALLEY ...	99	129	8.7	2.4	5.5	-	-	-	-	-	117	-	18	13	24	20	6	1	2	0	0	0	7	4	17	0	0	0	0
DUBLIN																													
DRYVAGH ...	99	62	9.5	2.8	6.1	-0.2	-	-	-	-	85	161	15	20	26	19	7	1	6	0	0	0	6	14	0	0	0	0	0
LOUGHGALL ...	99	25	9.6	2.7	6.1	-	-	-	-	-	77	154	15	20	24	17	5	3	1	0	0	0	5	18	0	0	0	0	0
LURGAN ...	99	55	9.7	2.7	6.2	-	-	-	-	-	64	123	11	20	25	18	0	0	0	0	0	0	5	18	0	0	0	0	0
TANDRAGEE ...	99	43	10.0	2.6	6.3	-	-	-	-	-	74	-	17	20	25	21	3	0	0	0	0	0	5	18	0	0	0	0	0
TYRONE																													
ALTAYEDAN ...	99	175	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CARRIGANS ...	21-9	113	9.2	2.8	6.0	-	-	-	-	-	149	209	16	20	28	24	7	3	8	1	2	1	6	16	10	0	0	0	0
COOKSTOWN ...	99	77	9.2	2.1	5.7	-	-	-	-	-	125	192	14	20	26	22	6	1	1	0	0	1	8	16	0	0	0	0	0
LOUGH BRADAN ...	99	169	8.1	1.7	4.9	-	-	-	-	-	194	218	17	20	28	25	0	0	0	0	0	0	1	8	13	0	0	0	0
POWEROY FOREST ...	99	174	8.3	1.5	4.9	-	-	-	-	-	150	205	16	14	27	23	3	3	0	0	0	2	9	17	0	0	0	0	0
STORMONT CONVENT ...	99	44	9.7	3.3	6.5	-	-	-	-	-	111	189	12	28	25	25	5	1	4	0	2	3	1	9	7	0	0	0	0
TIEVENNY ...	99	41	9.5	2.9	6.2	-	-	-	-	-	121	-	17	20	27	23	0	0	0	0	0	0	4	9	0	0	0	0	0
FERMANAGH																													
CASTLE ARCHDALE ...	99	66	9.0	2.5	5.7	-0.1	-	-	-	-	132	10	-1.7	5	6.3	6.3	140	201	-13	14	20	23	7	0	0	2.75	85	-	-
FOREST ...	99	156	8.3	2.4	5.5	-	-	-	-	-	152	-	-17	13	25	25	8	0	7	0	0	0	2	9	6	0	0	0	0
CORRIGY ...	99	53	9.0	2.8	5.9	-	-	-	-	-	173	-	-19	13	27	24	3	1	2	5	0	0	7	7	5	0	0	0	0
KNOCKAREYAN ...	99	49	9.5	2.7	6.1	-	-	-	-	-	125	202	14	20	24	21	5	0	0	0	0	4	5	10	0	0	0	0	0
LISNAKEA ...	99	148	8.6	1.7	5.1	-	-	-	-	-	204	230	25	14	28	26	7	3	3	2	0	3	9	17	0	0	0	0	0
LOUGH NAVAR FOREST ...	99	148	8.6	1.7	5.1	-	-	-	-	-	204	230	25	14	28	26	7	3	3	2	0	3	9	17	0	0	0	0	0

MARCH 1978

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TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

MARCH 1978

DISTRICT, REGION/COUNTY AND PLACE	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY		CLOUD AMOUNT		VISIBILITY		WIND SPEED AND DIRECTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
			AT MSL (mb)	DIFFERENCE FROM 1000-75 AVERAGE	DRY BULB (DEGREES C)	DEPRESSION OF WET BULB (DEGREES C)	VAPOUR PRESSURE (mb)	RELATIVE HUMIDITY (%)	OHTAS					VISIBILITY					BEAUFORT FORCE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
									NUMBER OF OBSERVATIONS					0 - 39 M 40 - 190 M 200 - 390 M 400 - 590 M 600 - 990 M 1000 - 1900 M 2000 - 3900 M 4 - 9 KM 10 - 19 KM 20 - 39 KM 40 KM AND OVER					SPEED (KT)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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SHOEDURTHNESS	5	9	1010.0	-6.5	7.0	1.1	8.5	84	6.1	0	0	4	4	13	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

MARCH 1978

DISTRICT, REGION/COUNTY AND PLACE	HEIGHT OF BAROMETRIC STATION ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	NEAR PRESSURE		NEAR TEMPERATURE AND HUMIDITY		CLOUD AMOUNT		VISIBILITY		WIND SPEED AND DIRECTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
			AT MSL (HPa)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB (DEGREES C)	DEPRESSION OF WET BULB (DEGREES C)	VAPOUR PRESSURE (HPa)	RELATIVE HUMIDITY (%)	MEAN	NUMBER OF OBSERVATIONS	BEAUFORT FORCE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

MARCH 1978

DISTRICT, REGION/COUNTY AND PLACE	HEIGHT OF BAROMETER ABOVE SEA LEVEL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY		CLOUD AMOUNT				VISIBILITY										WIND SPEED AND DIRECTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
			AT SEA (HPa)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB (DEGREES C)	DEPRESSION OF WET BULB (DEGREES C)	VAPOR PRESSURE (HPa)	RELATIVE HUMIDITY (%)	OKTAS				VISIBILITY										BEAUFORT FORCE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
									0	1-2	3-5	6-7	8	SKY OBSERVED	0-59 M	60-190 M	200-500 M	1000-1900 M	2000-3000 M	4-9 KM	10-19 KM	20-59 KM	60 KM AND OVER	SPEED (KT)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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715	2716-2720	2721-2725	2726-2730	2731-2735	2736-2740	2741-2745	2746-2750	2751-2755	2756-2760	2761-2765	2766-2770	2771-2775	2776-2780	2781-2785	2786-2790	2791-2795	2796-2800	2801-2805	2806-2810	2811-2815	2816-2820	2821-2825	2826-2830	2831-2835	2836-2840	2841-2845	2846-2850	2851-2855	2856-2860	2861-2865	2866-2870	2871-2875	2876-2880	2881-2885	2886-2890	2891-2895	2896-2900	2901-2905	2906-2910	2911-2915	2916-2920	2921-2925	2926-2930	2931-2935	2936-2940	2941-2945	2946-2950	2951-2955	2956-2960	2961-2965	2966-2970	2971-2975	2976-2980	2981-2985	2986-2990	2991-2995	2996-3000	3001-3005	3006-3010	3011-3015	3016-3020	3021-3025	3026-3030	3031-3035	3036-3040	3041-3045	3046-3050	3051-3055	3056-3060	3061-3065	3066-3070	3071-3075	3076-3080	3081-3085	3086-3090	3091-3095	3096-3100	3101-3105	3106-3110	3111-3115	3116-3120	3121-3125	3126-3130	3131-3135	3136-3140	3141-3145	3146-3150	3151-3155	3156-3160	3161-3165	3166-3170	3171-3175	3176-3180	3181-3185	3186-3190	3191-3195	3196-3200	3201-3205	3206-3210	3211-3215	3216-3220	3221-3225	3226-3230	3231-3235	3236-3240	3241-3245	3246-3250	3251-3255	3256-3260	3261-3265	3266-3270	3271-3275	3276-3280	3281-3285	3286-3290	3291-3295	3296-3300	3301-3305	3306-3310	3311-3315	3316-3320	3321-3325	3326-3330	3331-3335	3336-3340	3341-3345	3346-3350	3351-3355	3356-3360	3361-3365	3366-3370	3371-3375	3376-3380	3381-3385	3386-3390	3391-3395	3396-3400	3401-3405	3406-3410	3411-3415	3416-3420	3421-3425	3426-3430	3431-3435	3436-3440	3441-3445	3446-3450	3451-3455	3456-3460	3461-3465	3466-3470	3471-3475	3476-3480	3481-3485	3486-3490	3491-3495	3496-3500	3501-3505	3506-3510	3511-3515	3516-3520	3521-3525	3526-3530	3531-3535	3536-3540	3541-3545	3546-3550	3551-3555	3556-3560	3561-3565	3566-3570	3571-3575	3576-3580	3581-3585	3586-3590	3591-3595	3596-3600	3601-3605	3606-3610	3611-3615	3616-3620	3621-3625	3626-3630	3631-

TABLE 5 NUMBER OF DAYS WITH MAXIMUM AND MINIMUM TEMPERATURES BETWEEN GIVEN LIMITS

MARCH 1978

STATION	MAXIMUM °C								MINIMUM °C								STATION	MAXIMUM °C								MINIMUM °C									
	8.0 OR LESS	9.1 TO 10.0	10.1 TO 15.0	15.1 TO 20.0	20.1 TO 25.0	25.1 TO 30.0	30.1 TO 35.0	35.0 OR MORE	8.0 OR LESS	9.1 TO 10.0	10.1 TO 15.0	15.1 TO 20.0	20.1 TO 25.0	25.1 TO 30.0	30.1 TO 35.0	35.0 OR MORE		8.0 OR LESS	9.1 TO 10.0	10.1 TO 15.0	15.1 TO 20.0	20.1 TO 25.0	25.1 TO 30.0	30.1 TO 35.0	35.0 OR MORE	8.0 OR LESS	9.1 TO 10.0	10.1 TO 15.0	15.1 TO 20.0	20.1 TO 25.0	25.1 TO 30.0	30.1 TO 35.0	35.0 OR MORE		
LERNICK (PSYCHROMETER)	0	6	25	0	0	0	0	0	0	0	0	0	4	23	4	0	CAMBRIDGE BOTANIC GARDENS	0	0	10	19	2	0	0	0	0	0	0	0	0	0	0	0	0	0
LERNICK (SCREEN)	0	6	25	0	0	0	0	0	0	0	0	0	6	23	2	0	EDDABSTON	0	0	20	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0
STORMWAY	0	2	28	1	0	0	0	0	0	0	0	0	4	20	7	0	HEM (PSYCHROMETER)	0	0	9	20	2	0	0	0	0	0	0	0	0	0	0	0	0	0
CRAIBSTONE	0	2	21	8	0	0	0	0	0	0	0	0	8	22	1	0	HEM (NORTH-WALL SCREEN)	0	0	11	18	2	0	0	0	0	0	0	0	0	0	0	0	0	0
ADTHESAY	0	0	30	1	0	0	0	0	0	0	0	0	2	21	8	0	HASTINGS	0	0	24	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABBOTSINCH	0	0	24	7	0	0	0	0	0	0	0	0	6	14	11	0	SOUTHAMPTON	0	0	10	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ESKDALEHUIR (PSYCHROMETER)	0	4	26	1	0	0	0	0	0	0	0	0	1	7	19	4	STONTHURST	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ESKDALEHUIR (SCREEN)	0	3	27	1	0	0	0	0	0	0	0	0	1	7	18	5	VALLEY	0	0	26	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DOUGLAS	0	0	30	1	0	0	0	0	0	0	0	0	1	20	10	0	RHODES	0	0	15	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOULNER	0	0	22	8	1	0	0	0	0	0	0	0	3	18	10	0	FALMOUTH	0	0	12	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HULL	0	0	8	22	1	0	0	0	0	0	0	0	2	20	9	0	ALDERBORO	0	0	22	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DORLESTON	0	1	16	13	1	0	0	0	0	0	0	0	2	24	5	0	BARROD	0	0	16	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

MARCH 1978

DISTRICT REGION/COUNTY AND PLACE		HEIGHT OF WIND IN METRES	DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										HIGHEST VALUES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
			ABOVE 34 KT	ABOVE 34 KT	EFFECTIVE	34 KT OR MORE (104E FORCE)				22-33 KT		11-21 KT		5-10 KT		LESS THAN 5 KT		HIGHEST VALUES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
						DATES OF OCCURRENCE				NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	HOURLY WIND		DUST																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

59
MARCH 1978

DISTRICT REGION/COUNTY AND PLACE		HEIGHT OF WIND IN METRES	DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										HIGHEST VALUES						
			ABOVE EFFECTIVE	DATES OF OCCURRENCE	34 KT OR MORE (GALE FORCE)				22-33 KT				HOURS OF WIND RECORD	HOURLY WIND		GUST			
					NUMBER OF HOURS IN MONTHS				NUMBER OF HOURS					MEAN WIND SPEED-KT	MAX WIND SPEED-KT	MAX GUST SPEED-KT	DAY TIME		
					ABOVE EFFECTIVE	ABOVE EFFECTIVE	ABOVE EFFECTIVE	ABOVE EFFECTIVE	ABOVE EFFECTIVE	ABOVE EFFECTIVE	ABOVE EFFECTIVE	ABOVE EFFECTIVE							
3 EAST ANGLIA - CONTINUED																			
CAMBRIDGESHIRE	MARHAM	29 10 10		0	7	38	368	277	61	0	11.4	250	28	15	01	230	50	25	1554
	WITTERING	87 10 10		0	12	54	400	242	48	0	12.4	270	30	15	13	300	49	25	1930
SUFFOLK	WYTON	45 10 10		0	6	29	362	302	51	0	11.4	310	27	21	00	210	43	28	136
	HONINGTON	60 13 13		0	10	47	349	286	62	0	11.7	280	28	21	00	250	51	25	1612
BEDFORDSHIRE	WATTISHAM	105 17 10 21		1	14	101	384	231	27	0	13.8	310	34	21	01	310	48	21	1542
	BEDFORD	94 13 9		0	11	56	333	299	56	0	12.0	290	32	20	23	290	48	19	2300
HERTFORDSHIRE	CARDINGTON	70 41 41 15 20		3	18	163	367	177	34	0	15.2	290	34	20	23	250	57	25	1518
	GRANTON	94 15 10		0	1	1	185	470	88	0	8.1	270	25	20	23	280	45	21	0112
ESSEX	SHOEBURYNNESS	17 14 12		0	7	34	337	319	54	0	11.2	300	27	21	01	300	50	21	0137
	STANSTED	108 10 10		0	4	13	323	356	52	0	10.4	310	29	21	00	310	52	20	2342
4 MIDLAND COUNTIES																			
WEST YORKSHIRE	WILSDEN	272 10 10		0	9	62	403	226	53	0	12.9	250	30	15	03	250	50	15	0254
	FINNINGLEY	19 10 10		0	7	27	380	254	83	0	11.1	270	26	15	04	280	45	23	1536
SOUTH YORKSHIRE	HIGH BRADFELD	405 10 10	8 15 19 21-23 25-29	79	22	221	291	101	52	0	19.4	270	54	15	02	270	74	15	0148
	SHEFFIELD UNIVERSITY	146 29 15		0	7	25	372	211	136	0	10.6	260	26	15	02	260	54	15	0254
NOTTINGHAMSHIRE	WATNALL	133 16 10		0	1	1	311	354	78	0	9.7	240	22	23	11	270	45	25	1718
	CELLARHEAD	241 13 8		0	4	9	303	310	104	18	9.7	260	25	15	11	290	45	25	1642
STAFFORDSHIRE	KEELE	215 15 10		0	1	1	239	374	130	0	8.3	320	24	20	21	320	48	20	2106
	SHAMSBURY	84 12 10		0	10	61	311	276	95	1	11.1	240	30	14	22	310	50	20	2042
SALOP	BIRMINGHAM			0	3	9	310	326	99	0	9.7	310	24	20	22	310	48	20	2142
	EDBASTON	196 36 22		0	9	48	360	248	88	0	11.4	300	30	20	21	300	56	20	2142
OXFORDSHIRE	ELMDON AIRPORT	104 10 10		0	11	28	333	279	104	0	10.3	160	26	1	11	270	48	20	2042
	BENSON	67 10 10		0	11	51	331	263	99	0	11.2	290	32	20	21	310	60	20	2030
OXFORD	BRIZE NORTON	91 13 10		1	13	83	355	257	37	11	12.8	270	34	20	20	270	55	25	1824
	OXFORD	113 50 22 20																	
5 ENGLAND SE & CENTRAL S																			
GREATER LONDON	HEATHROW AIRPORT	34 10 10		0	3	13	285	363	83	0	9.7	290	26	20	23	230	46	25	1400
	KEN	28 23 15		0	1	1	305	343	95	0	9.6	290	23	20	22	290	54	20	2224
LONDON WEATHER CENTRE		93 70 38		0	6	24	403	291	26	0	12.1	300	32	20	23	55	20		
	POST OFFICE TOWER	174 14 15 19-23 25 28		27	20	288	363	65	1	0	20.2	290	40	20	22	280	68	25	1412
WILTSHIRE	BOSCOMBE DOWN	130 17 17		0	13	80	345	261	58	0	12.2	280	29	20	19	280	45	25	1700
	LARKHILL	145 13 10		0	5	13	318	332	81	0	10.1	200	25	28	11	210	45	28	1148
LYNEHAM		160 14 13		0	10	54	329	322	39	0	11.6	250	28	15	10	240	49	22	2124
	PORTON	120 10 10		0	15	87	321	244	92	0	11.7	280	26	20	19	280	47	20	1936
KENT	DOVER	27 21 18	14-16 19 22 25	31	17	211	286	167	32	17	17.3	240	48	16	09	230	72	16	0554
	DUNGENESS	16 10 10		0	16	162	317	228	37	0	14.5	250	31	16	08	240	56	16	0618
EAST MALLING		33 12 10		0	1	2	238	278	226	0	7.5	280	25	20	23	280	50	20	2318
	ISLE OF GRAIN	15 12 10		0	11	57	332	274	81	0	11.7	290	27	21	00	310	47	21	1548
HAMPSHIRE	MANSTON	62 18 18	14 28	2	15	123	331	255	33	0	13.7	200	35	14	11	220	53	16	0606
	CALSHOT	15 13 10	14	2	13	74	381	237	50	0	12.9	190	34	14	02	200	49	14	0200
FARNBOROUGH		75 10 10		0	0	0	259	327	158	0	8.5	310	21	10	29	43	25	1730	
	MIDDLE WALLOP	94 10 10		0	12	51	291	261	95	46	10.9	270	28	20	20	280	48	25	1506
WEST SUSSEX	GATWICK AIRPORT	69 10 10		0	9	47	314	260	123	0	10.9	200	26	14	09	200	46	14	0942
7A ENGLAND NW & I O M																			
CUMBRIA	CARLISLE	41 13 9		0	5	12	333	302	97	0	9.9	230	23	28	14	230	50	28	1406
	GRAT DUN FELL	857 10 10	1 2 6-8 13-17 19 20 22-30	233	26	314	152	44	1	0	28.3	210	67	28	14	210	82	28	1430
MOOR HOUSE		595 13 12 8 19		7	22	160	347	141	57	32	15.9	230	37	8	05	200	52	19	1236
	SELLAFIELD	25 12 11		0	5	9	358	332	39	6	10.6	280	24	15	02	280	35	25	1624
LANCASHIRE	FLEETWOOD	34 15 9		0	8	51	273	249	171	0	10.2	270	33	15	01	270	53	15	0136
	SQUIRES GATE AIRPORT	22 12 11		0	13	94	405	218	27	0	13.7	260	32	15	02	270	46	15	0342
MERSEYSIDE	ALBURN	38 23 11 15		2	13	91	341	205	78	27	12.7	250	34	15	01	250	55	14	2342
	MANCHESTER			0	7	16	391	260	77	0	11.0	270	27	15	02	270	47	15	0018
GREATER MANCHESTER	RINGWAY AIRPORT	80 10 10		0	4	9	316	332	86	1	10.0	260	25	14	23	260	53	14	2342
	WEATHER CENTRE	82 45 17		5	21	190	404	118	26	1	16.6	200	35	28	12	200	57	28	1148
ISLE OF MAN	POINT OF AYRE	20 10 10	14 15 28	2	16	123	456	133	30	0	15.5	210	35	19	12	290	51	15	0018
	RONALDSWAY	25 10 10	19																
7B WALES N																			
GWYNEDD	VALLEY	26 16 12	13-15 19 20 23 28	24	23	283	336	83	18	0	19.8	280	44	20	18	300	69	20	1906
8A WALES SOUTH																			
DYFED	ABERPORTH	144 10 10	14	1	20	208	428	88	19	0	16.9	270	34	14	22	290	53	20	1806
	BRAWDY	121 10 10		0	12	62	487	163	31	1	13.7	300	28	20	18	280	49	22	2030
MILFORD HAVEN		47 10 10		0	12	56	432	220	33	3	13.2	230	26	19	12	290	50	14	2118
	PORT TALBOT	30 11 7		0	11	70	274	264	98	38	11.1	270	33	20	16	270	44	20	1648
WEST GLAMORGAN	CILFYNO	210 16 16		0	9	31	347	244	122	0	10.9	270	28	14	20	290	52	20	1800
MID GLAMORGAN		74 10 10		0	10	49	309	273	113	0	10.9	260	26	23	13	270	49	22	2312
SOUTH GLAMORGAN	RHOSE AIRPORT																		
8B ENGLAND SW																			
AVON	AVONMOUTH	28 19 10	14	1	15	119	337	216	71	0	13.3	270	34	14	21	290	56	25	1554
SOMERSET	YEOVILTON	22 12 10	DEFECTIVE RECORD																
	HURN AIRPORT	23 13 11		0	9	32	326	244	142	0	10.4	240	26	16	06	290	50	25	1836
DORSET	PORTLAND BILL CO	60 13 13	16 20-26	35	20	201	300	157	17	34	17.6	300	43	20	20	300	63	20	2124
	BURRINGTON	211 10 10		0	14	128	250	278	86	2	12.4	290	31	20	17	280	53	22	2100
DEVON	MOUNT BATTEN	64 13 13	13 28	5	13	102	350	247	40	0	13.6	200	35	28	10	270	53	22	2100
	CULDORE	96 23 18	13-16 20 22 23 28	0	15	103	436	186	19	0	14.0	300	33	20	16	300	54	20	1624
LIZARD		96 23 18	13-16 20 22 23 28	49	20	197	348	138	12	0	18.4	280	41	16	04	270	64	14	1054
	ST MAHOAN	120 13 13		0	16	137	387	210	10	0	14.9	280	33	20	16	260	55	22	1918
SCILLY (ST MARYS)		70 20 17	14-16 20-23 25	56	21	231	360	80	17	0	19.5	270	40	23	00	300	79	22	2154
CHANNEL ISLANDS																			
	GUERNSEY AIRPORT	116 12 12	16 20 23	6	18	181	348	189	20	0	15.9	250	40	16	03	240	59	16	0324
	JERSEY AIRPORT	94 12 10	16	2	15	126	365	200	51	0	14.0	250	35	16	03	270	56	23	0312
NORTHERN IRELAND																			
LONDONDERRY	COLERAINE UNIVERSITY	33 10 10		0	4	14	365	313	43	9	11.1	240	27	27					

[illegible]

Averages for 1941-70 were brought into use on 1-1-1974. Additions or corrections for months prior to this date refer to the averages in use at the time.

(x) Urban rooftop site.

